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Lancaster Farming

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Hunsinger Farm Is Best Managed Operation

VERNON ACHENBACH JR.
Lancaster Farming Staff

SPRINGVILLE (Susquehanna Co.) — The moral of the story is: Big changes get noticed, but it's many small changes which get results.

Nothing could be truer for Susquehanna County dairyman D. Byron Hunsinger who has been recognized by the Pennsylvania Dairy Herd Improvement Association (PaDHIA) for having the most improved Holstein herd of Pennsylvania members.

Hunsinger's 50-head, all-registered milking herd has shown the best overall improvement in management, not only among the state's black and white herds, but among all dairy breed herds.

The recognition started this year with the intent by PaDHIA to reward those dairymen who have been doing a lot of things right, but not just one thing fantastically.

The program is based on a multiple factor formula which awards points according to certain aspects of herd care and herd response. The maximum possible points is 130. Hunsinger received the most with 103 points.

The points are awarded for milk and milk component production increases, average peak milk production, average number of days at peak, the improvement in somatic cell count linear score (SCC LS), the mean average SCC LS, the average number of days open, the number of services per pregnancy, and the average age at first calving.

The award is unique from other DHIA awards in that the herd must show improvement and acheivement in many areas, not just excellence in one.

In fact, Hunsinger's herd was not the top herd in any one catagory. However, his herd performed above average in all areas.

"I think (the management award program) is a fairly decent thing to have, not just because I won it, but because it does give recognition to someone who has made an effort to improve. It's something I think is worthwhile," he said.

What it means to Hunsinger is that his investments in capital improvements, education, nutrition, and other areas, have begun to pay off.

All the small changes he's been making over the past several years have come together and are showing results.

Years ago, Hunsinger bought his grandfather's farm. It had not been updated for some time and Hunsinger continued to operate according to the farm design.

Slowly, and especially within the past three years, the design of the farm has been changed to better suit Hunsinger's present method of operating.

"Probably the biggest thing we did . . . I built a new barn three years ago. I built more silos. Probably, overall, it's better management feeding wise than I used to do," he said.

The old barn design had few

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From the left, D. Byron Hunsinger and wife Pat stand with sons Brandon, 10, and Leslie, 12, at their family farm noted recently for its management.

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A History And Perspective Of The Pennsylvania DHIA Program

Editor's note: Penn State College of Agriculture's Dairy and Animal Science Department recently published a booklet entitled "A History and Perspective of the Pennsylvania Dairy Herd Improvement Association (DHIA) Program from 1910 to 1991."

In the booklet's introductory letter, Dr. Stan Curtis, department head, said PaDHIA serves thousands of dairy farmers in Pennsylvania and elsewhere in myriad ways and it has been doing so for more than 80 years. Curtis said the history was written for those who have recently become associated with PaDHIA. In addition, he said even those persons who have worked with this dairy association for decades can profit from its reminders of where the association has been with a view to develop a vision for its future evolution.

This presentation, written by Donald Ace, fits well in this issue of *Lancaster Farming*, which includes PaDHIA's semiannual report to members and many farm features on the top managed herds in Pennsylvania. Therefore, *Lancaster Farming* is grateful to Dr. Curtis for permission to reprint this extensive DHIA history for its readers.

DONALD ACE
Professor Emeritus
Dairy Science Extension

ACKNOWLEDGEMENT

The author is indebted to Bill Heald, Larry Specht, Dean Amick, Bob Kindig, Harry Roth, Ed Dieffenbach and Dick Barth for providing verbal and written consultation.

Section 1
INTRODUCTION

The evolution of production testing programs in the United States has provided a significant part of the foundation for many of our industries. New ideas are formed out of necessity or curiosity, or are an outgrowth of previous ideas. To determine if an idea is worthwhile or valid, it must be tested. The results of testing provide new information, which may be useful to the tester, as well as to a larger group of people in a related field. Ideas spawn new ideas, reveal new needs, answer old questions, and help make an industry move forward and prosper. The Dairy Herd Improvement Association (DHIA) records program, through testing, analysis, refinement, and the creation of policies and regulations, has evolved in this way. It has become a valuable management and evaluation tool for dairymen, the Agriculture Industry, and educators. Few programs can equal its impact on and importance to the success of an industry.

Modern dairymen and many of those conducting DHIA programs have little or no knowledge of the first 50 years of testing done by this organization. Few of them appreciate the insight of the early pioneer who recorded 511.1 pounds of butter churned from the milk produced by a Jersey cow over a 350 day period. The year was 1854. In 1890 the Babcock Test was introduced, allowing milk to be tested for fat content, and the butter production of a cow was calculated on the basis that butter was 83.5% fat.

Early records of butter and milk production were recorded by individual breeders of cattle for their own use. In the late 1800s the seven day record was a popular test, usually recorded during a fair or exposition, and often coinciding with a beginning lactation. Those milk weights extrapolated over an entire lactation grossly overstated the amount of milk produced. In the early 1900s it was proven that the production of a cow over the course of an entire lactation provided more reliable information than that obtained during a shorter lactation period. The 365 day lactation became a standard period of measurement, and later the 305 day record became the industry standard, with 365 day records made available upon request.

Today testing has evolved to provide valuable information about all facets of the dairy industry. It has grown from individual dairymen's personal records to state, national, and world wide computer based testing and data processing, which helps dairymen everywhere to manage herds more efficiently and profitably.

This history and perspective of the Pennsylvania DHIA deals not only with testing and results, but also with the people who made it happen. Hopefully this view will give readers a better understanding of how and why DHIA began, how it has grown to where it is today, and where it will go in the future.

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DHIA FEATURES

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Lancaster Co. Livestock Market Auctions

Lancaster Livestock
Monday, Dec. 2, 1991

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	887	106	75	1050	354
Last Monday's Auction	672	97	235	1027	278
Last Year's Auction	842	69	242	1208	417

CATTLE: Slaughter steers weak to 1.00 lower; slaughter heifers mostly steady; cows steady; bullocks scarce; bulls firm to 1.00 higher. Supply included 61% slaughter steers, 10% slaughter heifers, 22% cows, and 7% bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1450 lb 68.25-70.75, few 70.75- 71.75; few High Choice and Prime mostly 3 1150-1425 lb 71.50-72.25; couple Choice 2 1250-1425 lb 72.25-73.00; Select and low Choice 2-3 1075-1425 lb 63.50-67.00, couple 67.00-68.25.

HOLSTEINS: Choice 1175-1550 lb 60.00-62.25; few high Choice and Prime 1300- 1450 lb 62.75-64.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1350 lb 64.25-68.50; few Choice 2 1100- 1350 lb 68.50-69.75; Select 2-3 900-1150 lb 58.00-64.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 50.00-52.00 52.00-53.00 Commercial 3-4 46.00-49.00 Cutter & Boning Utility 1-2 46.50-48.50 48.50-50.50 50.50-52.00 Canner & low Cutter 42.50-44.50 44.50-46.50

BULLOCKS: Few Choice 2-3 1150-1350 lb 68.00-70.25.

BULLS: Yield grade 1 1250-1800 lb 64.50-67.50, few 68.00-69.50, couple 1420- 1575 lb 73.75-74.25; Yield grade 2 1050-1500 lb 59.00-64.50.

CALVES: Vealers and slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: Couple Choice 180-290 lb 100.00-110.00; high Good and low Choice 200-325 lb 75.00-95.00; few Good 110-150 lb 45.00-60.00; high Good and low Choice 80-105 lb 58.00-70.00.

SLAUGHTER CALVES: Good and Choice 300-460 lb 60.00-75.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 135.00-165.00; small frame 85-115 lb 100.00-135.00.

HOGS: Barrows and gilts firm to 50 higher; sows mostly steady, instances 1.00 lower on weights over 500 lb.

BARROWS AND GILTS: US 1-2 210-245 lb 41.00-42.00. US 1 few 215-240 lb 42.50-44.00.

SOWS: US 1-3 300-500 lb 25.00-28.00. 500-650 lb 28.00-31.00.

BOARS: All weights 24.00.

SHEEP: Wooled lambs 8.00-10.00 higher; slaughter ewes steady, instances 5.00 lower.

WOOLED LAMBS: Choice 70-110 lb 53.00-60.00, 50-70 lb 55.00-65.00.

NEW CROP LAMBS: Choice 35-50 lb 120.00-140.00.

SLAUGHTER EWES: Utility and Good 18.00-30.00; Yearlings and two-year olds 25.00-40.00.

GOATS: All goats sold by the head. Large Billies 75.00-100.00, few 100.00-110.00; Nannies 50.00-65.00, few 40.00-50.00. Medium 40.00-50.00, few 35.00- 40.00. Small, mainly kids, 20.00-35.00, few 35.00-40.00.

Vintage Livestock Auction
Paradise, Pa.
Tuesday, December 3, 1991
Report Supplied by USDA

CATTLE 578...USDA... Supply included 33% slaughter steers and 61% cows ... Compared with Monday's market: Slaughter steers .50 to 1.00 lower, although 2 to 3 scarce; Heifers scarce; Cows 1.00 to 1.50 lower; Bullocks, Bulls, and Heifers not fully tested. Choice 2-4, 1100/1450 lbs. slaughter steers 68.00-70.75, 1450/1550 lbs. 66.00-69, Choice & Prime 2-3 1150/1425 lbs. 71.75-73.00, Choice 3-4, 1275/1550 lbs. 62.00-66.50, Select and low Choice 2-3, 1100/1400 lbs. 62.00-67.00; Choice 1300/1525 lbs. Holsteins 60.00-63.25. Breaking Utility & Commercial cows 2-3, bulk 48.00-51.25, high dressing 52.00-53.75, Cutter & Boning Utility 1-2, bulk 46.00-50.00, high dressing 50.25-51.25, Canner & Low Cutter, low dressing 41.50-42.25, bulk 43.00-45.50. Couple Select 2-3, 1200/1300 lbs. sl. bullocks 64.00 & 64.25. Couple Yield Grade No. 2, 1250/1870 lbs. sl. bulls 58.75 & 62.25.

CALVES 1038... Supply included 679 in graded sale of which 88% sold to return to farm ...Vealers steady. Couple low Choice 210/265 lbs. 87.00&88.00, High Good and low Choice 80/110 lbs. 55.00-60.00, Standard and low Good 55/85 lbs. 20.00-50.00. Farm Calves: No. 1, Holstein Bulls 120/125 lbs. 137.00, 100/115 lbs. 149.00-154.00, 95 lbs. 140.00-145.00, 90 lbs. 125.00, 80/85 lbs. 97.00-105.00, Small frame 90/115 lbs. 100.00-117.00, 80/85 lbs. 87.00-94.00; Hol. Heifers 100/115 lbs. 170.00-175.00, 90/95 lbs. 137.00, Small frame 80/95 lbs. 80.00-92.00, 70/75 lbs. 67.00.

SHEEP 7...Insufficient volume to fully test trend. - all per cwt.

GOATS 0...No market test - all per head.

New Holland Dairy
New Holland Sales Stables
Wednesday, December 4, 1991
Report supplied by auction

DAIRY COW RECEIPTS 36; HEIFERS 64 AND BULLS 2. MARKET STEADY.

FROM PERRY COUNTY FRESH 710.00-1400.00.

LOCALLY CONSIGNED COWS SOLD 610.00-1175.00, BETTER 1225.00-1500.00.

OPEN BREEDING AGE HEIFERS 510.00-570.00.

SMALL OPEN HEIFERS 270.00-480.00.

VACCINATED HEIFERS BRING A PREMIUM.

BULLS SOLD 350.00-780.00.

Lancaster Livestock Auction
Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Peoria Cattle
Peoria, Illinois
Thursday, December 5, 1991

FEDERAL-STATE CATTLE WEEKLY TRADING MODERATE. COMPARED WITH LAST MONDAY SLAUGHTER STEERS AND HEIFERS MOSTLY .50 LOWER. COWS AND BULLS FULLY STEADY, INSTANCES 1.00 HIGHER. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 10% COWS. RECEIPTS THIS WEEK ABOUT 1100 AS COMPARED WITH 1190 A WEEK AGO AND 1731 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1250 LBS. 67.00-69.00 2 LOADS 69.50 3-4, FEW 5 1150-1450 LBS. 60.00-65.00 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 64.00-67.00 SELECT 2-3 950-1200 LBS. 61.00-64.00.

HOLSTEIN STEERS: CHOICE 2-3 1050-1350 LBS. 61.00-64.00 SELECT 2-3 1100-1450 LBS. 58.00-62.00.

SLAUGHTER HEIFERS: CHOICE 2-4 950-1200 LBS. 66.50-68.50 MIXED SELECT & CHOICE 2-3 900-1150 LBS. 63.50-66.50 SELECT 2-3 800-1100 LBS. 60.50-63.50.

COWS: BREAKING UTILITY & COMMERCIAL 2-4 40.00-43.00 CUTTER & BONING UTILITY 2-3 42.00-46.00 FEW HIGH DRESSING 47.00-48.00 CANNER & LOW DRESSING CUTTER 1-2 35.00-40.00.

BULLS: YG 1-2 1100-2200 LBS. 52.00-66.00.

Jersey Shore Livestock Market, Inc.
Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 5, 1991

RETURN TO FARM CALF 100.00-170.00.
GOOD VEAL: 65.00-99.00.
COMMON VEAL: 34.00-64.00.
SELECT STEERS: 64.00-66.25.
COMMON STEERS: 59.00-63.00.
COMMERCIAL COWS: 46.00-52.00.
CANNERS-CUTTERS: 42.00-49.00.
SHELLS: 41.00-DOWN.
CHOICE HEIFER: 63.00-67.00.
SELECT HEIFERS: 60.00-62.00.
COMMON HEIFERS: 53.00-59.00.
GOOD FEEDERS: 70.00-84.00.
COMMON FEEDERS: 30.00-69.00.
BULLS: 53.00-62.00.
GOOD HOGS: 41.00-41.25

New Holland Livestock Auction
Lancaster, Pa.
Thursday, December 5, 1991

	Cattle	Calves	Sheep	Goats
Today	1163	816	116	87
Last Thursday Thanksgiving Holiday				
Last Year	998	682	108	52

CATTLE: Slaughter steers 50-1.00 higher; slaughter heifers fully steady; cows 50-1.00 higher; bullocks and bulls steady. Supply includes 41% slaughter steers and 48% cows.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1475 lb 68.25-71.75, few lots 71.75- 72.50; Choice and Prime 2 to mostly 3 1150-1425 lb 71.00-73.00, six head 73.10-73.85; Choice mostly 3 1520-1650 lb 63.85-66.00; Choice 3 to mostly 4 1200-1500 lb 64.00-66.00; few Choice 4-5 1450-1600 lb 59.50-61.00; Select and low Choice 2-3 1150-1425 lb 63.00-68.00, few head 68.00-70.00.

HOLSTEINS: High Choice and Prime 1100-1500 lb 62.00-66.00, couple small lots 1665-1770 lb 61.25-61.50; Choice 1300-1500 lb 61.00-63.00; few Select 1050- 1300 lb 57.00-60.00.

SLAUGHTER HEIFERS: Choice 2-3 1020-1185 lb 66.25-68.25.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 48.50-52.00 52.00-55.75. Commercial 3-4 43.50-48.50. Cutter & Boning Utility 1-2 44.50-47.00 47.00-51.00 51.00-52.00. Canner and low Cutter 40.50-43.00 43.50-46.50.

BULLOCKS: Couple Select 2 1150-1325 lb 62.50-64.00.

BULLS: Yield grade 1 1250-1900 lb 63.00-64.25, couple 65.75-67.75; Yield grade 2 1075-1550 lb 60.00-63.00, low dressing 56.00-60.00.

CALVES: Vealers steady. Demand good for Holstein bulls and heifers to return to farm, although only fair of small frame.

VEALERS: Choice 165-335 lb 90.00-106.00, three head 123.00-125.00; high Good and low Choice 150-285 lb 76.00-84.00, 80-110 lb 55.00-65.00; Standard and low Good 50-80 lb 39.00-55.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein Bulls 140.00-160.00, several 160.00-170.00, couple 171.00-173.00; small frame 95-115 lb 95.00-115.00, 80-95 lb 66.00-90.00, few 90.00-105.00; few 100-120 lb Holstein heifers 120.00-145.00, couple 150.00-180.00; small frame 80-110 lb 70.00-105.00.

SHEEP: Wooled lambs and slaughter ewes steady.

WOOLED LAMBS: Choice 75-95 lb 53.00-61.00, few 40-60 lb 61.00-66.00; few Choice 40-50 lb New Crop Lambs 105.00-130.00.

SLAUGHTER EWES: Utility and Good 18.00-25.00; Yearlings and two-year olds 30.00-40.00.

GOATS: All goats sold by the head. Large 70.00-97.00, couple 100.00-112.00; Medium 39.00-64.00; few Small 31.00-35.00.

Lancaster County Weekly
Lancaster, Pa.
Friday, December 6, 1991

	Cattle	Calves
This Week	3200	1950
Last Week	1810	1159
Last Year	2986	1622

CATTLE: Slaughter steers closed weak to 50 lower, after being 1.00-1.50 lower in early part of week; slaughter heifers mostly steady; cows closed weak to 50 lower, recovering some of the early week loss; bullocks scarce; bulls firm to 1.00 higher. Supply included 38% slaughter steers, 5% slaughter heifers, 34% cows, 3% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1475 lb 68.00-71.75, few lots 71.75- 72.50; Choice and Prime 2 to mostly 3 1150-1425 lb 71.00-73.00, six head 73.10-73.85; Choice mostly 3 1520-1650 lb 63.85-66.00; Choice 3 to mostly 4 1200-1500 lb 63.00-66.00; few Choice 4-5 1450-1600 lb 59.50-61.00; Select and low Choice 2-3 1100-1450 lb 62.00-68.00, few 68.00-70.00.

HOLSTEINS: High Choice and Prime 1100-1500 lb 62.00-66.00, couple small lots 1665-1770 lb 61.25-61.50; Choice 1175-1550 lb 60.00-63.00; Select 1050-1300 lb 57.00-60.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1350 lb 64.25-68.50; few Choice 2 1100- 1350 lb 68.50-69.75; Select 2-3 900-1150 lb 58.00-64.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 48.00-52.00 52.00-55.75 Commercial 3-4 43.50-49.00 Cutter and Boning Utility 1-2 44.50-47.00 47.00-51.00 51.00-52.00 Canner and low Cutter 40.50-43.00 43.00-46.50.

BULLOCKS: Few Choice 2-3 1150-1350 lb 68.00-70.25; Select 2-3 1150-1325 lb 62.50-64.25.

BULLS: Yield grade 1 1250-1900 lb 63.00-67.50, few 67.50-69.50, couple 1420- 1575 lb 73.75-74.25; Yield grade 2 1050-1500 lb 59.00-64.50, few low dressing 56.00-59.00.

CALVES: Vealers and slaughter calves steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Choice 165-335 lb 90.00-106.00, three head 123.00-126.00; high Good and low Choice 150-285 lb 76.00-88.00, 80-110 lb 55.00-65.00; Standard and low Good 50-85 lb 35.00-55.00.

SLAUGHTER CALVES: Good and Choice 300-460 lb 60.00-75.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 137.00-160.00, several 160.00-170.00; small frame 95-115 lb 95.00-117.00, 80-90 lb 66.00-100.00 few 100.00-110.00. Few 100-120 lb Holstein heifers 150.00-180.00; small frame 80-110 lb 70.00-105.00.

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10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
Next Feeder Cattle Sale Friday, Dec. 13 - 11:00 A.M.
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GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

VINTAGE SALES STABLES, INC.
TUESDAY
11:00 A.M. SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
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(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

New Holland Feeder Pigs

New Holland, PA
Wed., December 4, 1991
Report Supplied by Auction

886 HEAD.
1'S AND 2'S, 20-29 LBS. 145.00-148.00; 30-39 LBS. 96.00-108.00; 40-49 LBS. 98.00-106.00; 50-59 LBS. 90.00-96.00; 60-69 LBS. 80.00-86.00.
2'S AND 3'S, 20-29 LBS. 115.00-120.00; 30-39 LBS. 90.00-95.00; 40-49 LBS. 85.00-90.00; 50-59 LBS. 83.00-88.00; 60-69 LBS. 75.00-76.00.

Lancaster Hogs

Lancaster Stockyards
Sat., Nov. 30, 1991
Report supplied by auction

120 HEAD.
US 1 215-245 LBS. 41.50-42.25.
US 1-2 215-245 LBS. 40.50-41.50.
US 1-3 215-245 LBS. 39.50-40.50.
US 2-4 215-255 LBS. 38.50-39.50.
GOOD SOWS: 29.00-32.50 MEDIUMS 25.00-28.00; THIN SOWS 23.00-25.00.
HEAVY BOARS 23.50.

Peoria Hogs

Peoria, Illinois
Thursday, December 5, 1991

FEDERAL-STATE OPENING HOGS: 1000 TRADING MODERATE. BARROWS AND GILTS OPENING .50 LOWER COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS.
US 1-3 220-250 LBS. 39.50-40.00 2-3 230-260 LBS. 39.00-39.50.
SOWS: STEADY TO .50 LOWER 20%.
US 1-3 325-500 LBS. 30.00-31.00 500-650 LBS. 31.00.

St. Louis Cattle, Hogs

Thursday, December 5, 1991

OPENING MID-SESSION WEEKLY CLOSE
CATTLE & CALVES: 600 (0 SLTR, 600 FDRS) NO TEST ON SLAUGHTER CATTLE.
RECEIPTS CONSISTS OF FEEDER CATTLE AND COWS FOR THE REGULAR THURSDAY AUCTION.
SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER.
RECEIPTS THIS WEEK 1,400: WEEK AGO 900: YEAR AGO 1,800.
COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS STEADY TO .50 LOWER, EXCEPT HOLSTEIN STEERS FULLY STEADY. COWS FULLY 1.00-2.00 HIGHER. BULLS FULLY STEADY. SLAUGHTER SUPPLY MAINLY CHOICE, YIELD GRADE 2-4, STEERS AND HEIFERS, LIGHT SUPPLY HOLSTEIN STEERS, AROUND 15% COWS.

Indiana Hogs

Louisville, Kentucky
Wednesday, December 4, 1991

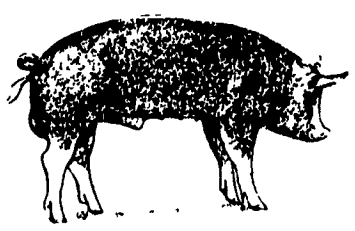
INDIANA DIRECT HOGS 51.
BARROWS AND GILTS: STEADY TO .50 HIGHER. DEMAND GOOD.
COUNTRY: PLANTS: US 1-2 220-260 LBS. 38.00-40.00 38.00-40.00 FEW TO 40.25. 210-220 LBS. 36.00-37.50.
US 1-3 220-260 LBS. 37.00-39.00.
SOWS: STEADY.
US 1-3 300-500 LBS. 24.00-28.00; 500-650 LBS. 27.00-31.00, FEW 32.00.
**INDIANA DIRECT RECEIPTS: TUESDAY'S ACTUAL 24,400 TODAYS ESTIMATE 20,500 WEDNESDAY WEEK AGO 20,700 WEDNESDAY YEAR AGO 15,600 WEEK TO DATE 73,000 SM PD WEEK AGO 69,200 SM PD YEAR AGO 52,900.
**RECEIPTS FOR A YEAR AGO WILL NOT COMPARE TO THIS WEEK DUE TO A CHANGE IN THE REPORTING BASE.
CARCASS BASIS HOG PRICES: HOT WEIGHTS: PLANT DELIVERED. 160-185 LBS. BARROWS AND GILTS: STEADY TO .67 HIGHER.
US 1 (BACKFAT THICKNESS .50- .79 IN.) 56.25 TO 60.00 US 1 (BACKFAT THICKNESS .80- .99 IN.) 54.95 TO 56.25 US 2 (BACKFAT THICKNESS 1.00-1.24 IN.) 53.37 TO 55.00 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 52.37 TO 54.50 US 4 (BACKFAT THICKNESS 1.50-1.79 IN.) 49.93 TO 52.37 ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

New Holland Hogs

Dec. 2, 1991

TODAY	604
LAST MONDAY	1083
LAST YEAR	630

TREND: Compared to last Monday barrows and gilts 1.00-1.50 higher, with good demand for small supply 260-300 lb.
BARROWS AND GILTS: US 1-2 210-245 lb 41.00-42.00.**
US 1-3 220-260 lb 40.00-41.00.
US 2-3 260-300 lb 38.00-40.00.



Hay & Grain Markets

Pa. Grain

Dec. 2, 1991
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: (MANY REPORTERS CLOSED TODAY DUE TO FIRST DAY DEER SEASON)... CORN STEADY TO .05 HIGHER; WHEAT, BARLEY, OATS, AND EAR CORN STEADY TO STRONG; SOYBEANS MOSTLY STEADY.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.58-2.90, AVERAGE 2.77; @WHEAT NO. 2 RANGE 3.40-3.75, FEW REPORTED 3.88, AVERAGE 3.65, FEW REPORTED CONTRACT FOR HARVEST 3.10-3.30; BARLEY NO. 3 RANGE 1.80-2.15, AVERAGE 1.97; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.66; SOYBEANS NO. 1 RANGE 5.35-5.70, FEW REPORTED 5.20, AVERAGE 5.47; FEW REPORTED GR. SORGHUM #2 RANGE 2.50, AVERAGE 2.50; FEW REPORTED EAR CORN RANGE 63.00-80.00, AVERAGE 73.07.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.70-2.90, AVERAGE 2.84; @WHEAT NO. 2 RANGE 2.90-3.60, AVERAGE 3.31; BARLEY NO. 3 RANGE 1.90-2.20, AVERAGE 2.03; OATS NO. 2 RANGE 1.20-1.65, AVERAGE 1.42; FEW REPORTED SOYBEANS NO. 1 RANGE 5.40-5.45, AVERAGE 5.42; FEW REPORTED EAR CORN RANGE 75.00-85.00, AVERAGE 80.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.58-2.90, AVERAGE 2.81; @ WHEAT NO. 2-Y RANGE 2.90-3.80, AVERAGE 3.46; BARLEY NO. 3 RANGE 1.80-2.20, AVERAGE 1.98; OATS NO. 2 RANGE 1.30-1.80, AVERAGE 1.57; SOYBEANS NO. 1 RANGE 5.20-5.70, AVERAGE 5.45; FEW REPORTED EAR CORN RANGE 63.00-85.00, AVERAGE 74.72.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.75-2.90, AVERAGE 2.83; @WHEAT NO. 2 RANGE 2.90-3.80, AVERAGE 3.33; BARLEY NO. 3 RANGE 1.70-2.15, AVERAGE 1.94; OATS NO. 2 RANGE 1.40-1.70, AVERAGE 1.55; SOYBEANS NO. 1 RANGE 5.20-5.65, FEW REPORTED 5.85, AVERAGE 5.43; FEW REPORTED GR. SORGHUM #2 RANGE 3.00, AVERAGE 3.00; FEW REPORTED PER HUNDRED WEIGHT RECLEANED 15% BUCKWHEAT RANGE 8.15, AVERAGE 8.15; FEW REPORTED EAR CORN RANGE 66.00-75.00, FEW REPORTED 85.00, AVERAGE 73.00.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.50-2.77, FEW REPORTED 2.90, AVERAGE 2.66; @WHEAT NO. 2 RANGE 2.85-3.55, AVERAGE 3.18; BARLEY NO. 3 RANGE 1.85-1.94, AVERAGE 1.90; OATS NO. 2 RANGE 1.40-1.65, FEW REPORTED 1.10, AVERAGE 1.47; FEW REPORTED SOYBEANS NO. 1 RANGE 5.40, AVERAGE 5.40; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT NO. 1 RANGE 9.00, AVERAGE 9.00; FEW REPORTED EAR CORN RANGE 55.00, AVERAGE 55.00.

MONTH AGO

CORN NO. 2-Y 2.83; @WHEAT NO. #2-Y 3.37; BARLEY NO. 3 1.92; OATS NO. 2 1.53; SOYBEANS NO. 1 5.48; FEW REPORTED EAR CORN 70.86.

YEAR AGO

CORN NO. 2-Y 2.36; @WHEAT NO. #2-Y 2.64; BARLEY NO. 3 2.02; OATS NO. 2 1.37; SOYBEANS NO. 1 5.45; FEW REPORTED EAR CORN 56.96.

Regional Hay

December 2, 1991
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY STEADY TO STRONG; STRAW STEADY.
ALFALFA 90.00-115.00; MIXED HAY 80.00-110.00; TIMOTHY HAY 65.00-110.00; STRAW 40.00-85.00; MULCH 20.00-40.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 11/29/91. PRICES PER TON: LOADS: 237 HAY, 76 STRAW, AND 20 EAR CORN.
ALFALFA 95.00-150.00; MIXED HAY 85.00-142.00; TIMOTHY HAY 84.00-155.00; STRAW 67.00-105.00; EAR CORN 87.00-107.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 11/29/91. PRICES PER TON: LOADS: 107 HAY, 27 STRAW & 15 EAR CORN.
ALFALFA 93.00-165.00; MIXED HAY 76.00-145.00; TIMOTHY HAY 79.00-121.00; STRAW 64.00-100.00; EAR CORN 80.00-125.00.

Leinbach's Hay

Shippensburg, PA
November 30 and December 3
Report Supplied by Auction

TOTAL LOADS: 53.
ALFALFA: 60.00-164.00.
MIXED HAY: 75.00-123.00.
TIMOTHY: 91.00-129.00.
CLOVER: 107.00.
BROME GRASS: 105.00-124.00.
ORCHARD GRASS: 60.00-85.00.
STRAW: 62.00-90.00.
EAR CORN: 89.00-110.00.
FIREWOOD: 25.00-35.00 PICK-UP LOAD.

Vintage Hay

Paradise, PA
Thurs., December 5, 1991
Report Supplied by Auction

15 LOADS.
STRAW: 70.00-76.00.
ALFALFA MIX: 96.00-139.00.
MIXED HAY: 79.00-126.00.
TIMOTHY AND MIX: 82.00-105.00.

Diffenbach Auction Center

New Holland, Pa.
Monday, Dec. 2, 1991
Report Supplied by Auction

TOTAL LOADS: 87.
ALFALFA: 95.00-137.00.
MIXED HAY: 67.00-135.00.
TIMOTHY: 90.00-127.00.
CLOVER: 72.00.
STRAW: 65.00-107.00.
EAR CORN: 92.00-109.00.
OATS: 2.20-2.30 BU.
This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

Green Dragon Hay

Ephrata, Pa.
Friday, November 29, 1991
Report Supplied by Auction

TOTAL LOADS: 112.
MIXED HAY: 51.00-142.00.
ALFALFA: 91.00-145.00.
TIMOTHY: 61.00-137.00.
ORCHARD GRASS: 100.00-150.00.
SHREDDED PAPER: 42.00.
STRAW: 70.00-102.00.
EAR CORN: 90.00-107.00.
FIREWOOD: 20.00-160.00 LOAD.
OATS: 2.50 BU.

Good's Hay

Leola, Pa.
Wed., December 4, 1991
Report Supplied by Auction

TOTAL LOADS: 79.
MIXED HAY 94.00-150.00.
CORN: 100.00-107.00.
TIMOTHY: 92.00-132.00.
ALFALFA: 82.00-151.00.
STRAW: 65.00-97.00.
OATS: 2.20-2.50 BU.
ORCHARD GRASS: 104.00-108.00.
SOYBEANS STUBBLES: 47.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, December 5, 1991
Report Supplied by Auction

35 LOADS. WEATHER CLEAR AND COLD; MARKET STEADY TO STRONG.
ALFALFA: 2 LOADS FANCY 175.00 AND 177.00, 4 FAIR TO GOOD 105.00-140.00.
ALFALFA MIX: 5 LOADS FAIR TO GOOD 95.00-140.00.
TIMOTHY HAY: 1 FANCY LOAD 140.00, 6 FAIR TO GOOD 102.00-127.00.
MIXED HAY; 3 LOADS GOOD 112.00-123.00.
ORCHARD GRASS: 4 FAIR TO GOOD 66.00-85.00.
CLOVER: 2 LOADS FAIR 79.00 AND 102.00.
STRAW: 2 LOADS 70.00 AND 87.00.
FIREWOOD: 4 LOADS GOOD OAK 66.00-74.00 CORD, 2 MIXED 55.00 AND 62.00 CORD.
XMAS PARTY DEC. 19, 11 A.M.

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Weekly New York Egg Market Northeast Quotes

From Mon., December 2 to Thurs., December 5

	MON.	TUES.	WED.	THURS.
WHITE				
JUMBO	.93	.93	.93	.93
EX. LARGE	.89	.89	.89	.89
LARGE	.84	.84	.84	.84
MEDIUM	.71	.71	.71	.71
PULLETS	.59	.59	.59	.61
OFF GRADE	.72	.72	.72	.72
BROWN				
EXTRA LARGE	.98	.98	.98	.98
LARGE	.93	.93	.93	.93
MEDIUM	.83	.83	.83	.83
OFF GRADE				
UNDERGRADES				
AND CHECKS	.30	.30	.30	.30

BREAKING STOCKS: FRI. 48-50 LBS. 43.00-45.00, 50 LBS. AND UP 45.00-47.00.

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New England Shell Eggs

Wednesday, December 4, 1991

NEW ENGLAND: Prices were unchanged. Trade sentiment was steady. Demand ranged fair to good. Supplies were short to adequate.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN RANGE JUMBO .91-.94; EXTRA LARGE .82-.85; LARGE .78-.81; MEDIUM .64-.67; SMALL .26-.29.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE 1.01-1.03; LARGE .97-.99; MEDIUM .83-.85.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, December 3, 1991

Report Supplied by Auction

HEAVY FOWL: .25-.70.
LIGHT FOWL: .40.
MIXED FOWL: .55.
BANTAMS, PER LB.: .50-1.90.
ROASTERS: .50-.65.
PULLETS: .80.
ROOSTERS: .50-1.90.
DUCKS: .75-.90.
RABBITS: 1.05-1.45.
PIGEONS, EACH: 2.20.
GUINEAS: .80-1.20.

WHITE EGGS: EXTRA LARGE & UMBO .80-.89; LARGE .50-.76; MEDIUM .42-.64; PULLETS .40.

BROWN EGGS: EXTRA LARGE & UMBO .80-1.00; LARGE .65-.85; MEDIUMS .49-.58.

Heinsey's Poultry

Roots, East Petersburg

Tuesday, December 3, 1991

Banty Hens Range .75 - 1.75 ea.
Banty Roosters 2.00 - 4.50 ea.
Bunnies .50 - 1.25 ea.
Crossbred Fowl 5-9 .30 - .58.
Crossbred Roosters 4-6 .30 - .62.
Crossbred Roosters 7-11 .30 - .52.
Geese 10-13 .50 - .82.
Goats 45.00 - 48.00 ea.
Guinea Fowl .80 - .95.
Guinea Pigs .50 - 2.25 ea.
Leghorn Hens .11 - .15.
Muscovy Ducks - Drakes .70 - .86; Muscovy Ducks - Hens .80 - 1.00.
Pekin Ducks .30 - .42.
Pigeons 1.10 - 1.50 ea.
Rabbits 4-6 .70 - .92; Rabbits 7-11 .70 - .84.
Red Fowl 4-4.5 .30 - .52; Red Fowl 5-6 .40 - .64.
Silkies 4.75 - 6.00 ea.
Total Coops Sold 592.

Delmarva Broiler-Fryer Market

Wednesday, December 4, 1991

Movement of ready-to-cook broiler fryers was fair today, and about as expected for mid-week trading. Supplies were adequate for immediate needs. Less than trucklot asking prices were unchanged at 47 - 58 cents. Live supplies were adequate. Average live weights were in a desirable range. Processing schedules were heavy. Trade sentiment was generally steady. In the parts complex, supplies of boneless skinless breast were in close balance, all other items were adequate for immediate needs.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/04 12/02 12/02 11/27 11/25 2,153 2,195 4.73 2,119 4.69.

BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 46-58 WEIGHTED AVERAGE 51.43 NO. OF BOXES 10,637.

Eastern PA & NJ Poultry Report

Atlanta, Georgia

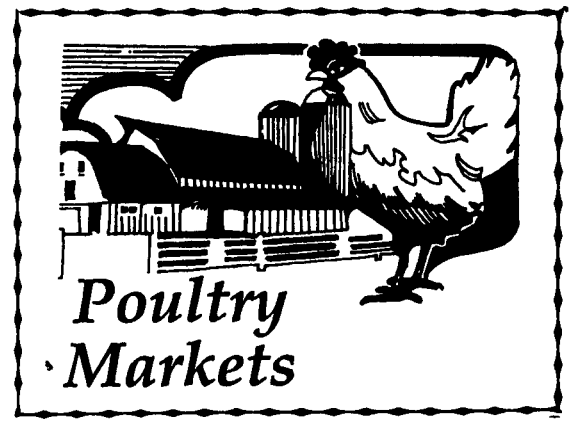
Wednesday, December 4, 1991

Sales too few to report. Demand moderate to good for short offerings. Undertone steady.

CENTS PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

LIGHT TYPE AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

HEAVY TYPE (7LBS & UP): AT FARM (BUYING LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.



N.E. Weekly Shell Egg Report

Tuesday, December 3

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.08-1.12	1.04-1.08	.90-.94	.52-.56
MOSTLY	1.10-1.11	1.06-1.07	.92-.93	.54-.55
RHODE ISLAND	1.12-1.16	1.08-1.12	.94-.98	.55-.59
MOSTLY	1.12	1.08	.94	.55
VERMONT	1.15-1.18	1.10-1.16	.92-1.00	
MOSTLY	1.18	1.14	1.00	
MAINE	1.15	1.11	.97	.59

National Egg Market

Wednesday, December 4, 1991

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged under a generally steady undertone. Demand was mixed but mostly moderate. Some retail promotional activity was noted but clearing slower than anticipated. Supplies were in good balance with current needs and additional product was usually available and confidently held. Breakers were cautious and for the most part worked with regular commitments. Finished product sales were slow.

New York Egg Market

Wednesday, December 4, 1991

Prices were unchanged. Trade sentiment was generally steady. Retail demand was about moderate. Floor stocks were in balance with needs. Additional offerings though usually available were in firm hands.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .82-.84; LARGE .79-.82; MEDIUM .66-.69.

Northeast Chicken Parts

Wednesday, December 4, 1991

NORTHEAST BROILER/FRYER PARTS. FEDERAL-STATE: Supplies of boneless skinless breast cutlets continued short of immediate needs and new trades were reported at higher prices; however, the trade sentiment was steady. Supplies of line run breasts increased and some offers were slow to clear. Leg quarter supplies were in close balance for prompt needs and the undertone was fully steady. Wings were available at steady prices.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES ITEM CURRENT NEGOTIATED TRADING BREAST - BONELESS SKINLESS 165 BREAST - WITH RIBS 74-75 BREAST - LINE RUN 74 LEGS 34-35 LEG QUARTERS 24-25 THIGHS 36-37 DRUMSTICKS 30-31 WINGS 55-56 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 15-20 GIZZARDS (HEARTS) 45-50.

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

N.Y. & Phila. Frozen Eggs

Dec. 3, 1991

Price ranges were unchanged with the majority of trading toward the high side of the ranges. Trade sentiment was steady with whites somewhat better. Demand and trading was quiet, and focused on immediate spot needs only. Supplies were adequate.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS)

TRUCKLOTS LTL (MIN. 25 CONT.)
RANGE MOSTLY RANGE
WHOLE 51-54 53-54 54-60 BLEND (/) 59-70 WHITES 36-38 37-38 39-48 SUGARED YOLKS (MIN 43% SOLIDS) 62-66 63-64 67-77 SALTED YOLKS (MIN 43% SOLIDS) 57-61 58-59 61-68

(/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Philadelphia Eggs

Thursday, December 5, 1991

Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY. MOVEMENT INTO RETAIL CHANNELS SLOWED FROM EARLY WEEK AND RANGED FAIR TO FAIRY GOOD. SUPPLIES OF SMALLER SIZES RANGED TIGHT TO CLOSE BALANCE, OTHER SIZES WERE ADEQUATE. A EXTRA LARGE .80-.82, A LARGE .78-.80, A MEDIUM .65-.66.

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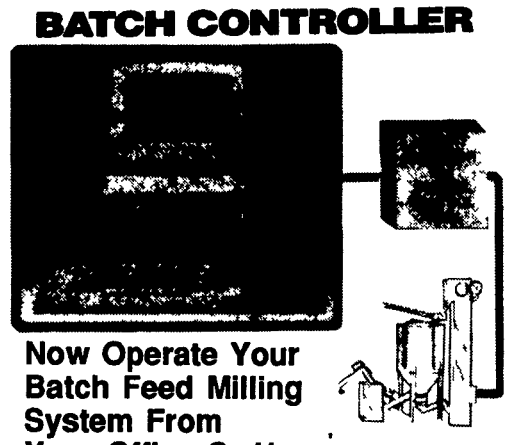

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8 Ton Bulk - Paid 10 Days

+

ENERGY BLEND 12%
(Flaked Corn & Barley
Non Fortified Pellets)
$128.31* Delivered
8 Ton Bulk - Paid 10 Days

*** Dairy Tech Concentrate and Energy Blend Quantities can be added together to reach the 8 ton volume discount. Add $3.00 per ton to the feed cost for Dairy Terms which are due 15th of the following month. Feed prices are for the week of 12/9/91 and subject to change.**

16%	
400 lbs. Dairy Tech 32%	$47.56
1600 lbs. Energy Blend 12%	$102.72
SPLIT CART 16%	**$150.28**

18%	
600 lbs. Dairy Tech 32%	$71.34
1400 lbs. Energy Blend 12%	$89.88
SPLIT CART 18%	**$161.22**

PENNFIELD "BIG HEIFER" PROGRAM

Heifer Cost - Birth To Fresh — $200.25

lbs. Fed	Product Fed	Cost/Unit		Total Cost
25 lbs.	"Go Calf" Milk Replacer	$28.06	50 lb. Bag	$ 14.03
345 lbs.	#504 Calf Starter	$ 6.67	50 lb. Bag	$ 46.02
480 lbs.	#546 Heifer Grower-Bovatec®	$10.55	100 lb. Bulk	$ 50.69
510 lbs.	#545 Heifer Conc. Bovatec®	$17.55	100 lb. Bulk	$ 89.51
	Birth To Fresh Total Cost Purchased Feed			$200.25

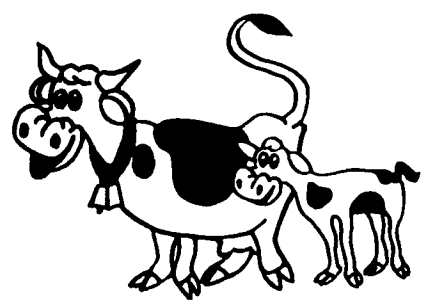
Prices Effective 11/18/91 Are Subject To Change Weekly And Include 2½ % Cash Disc. Paid 15th Following Month.

SPECIAL OFFER - NOV. 4 - DEC. 27

1 FREE WITH 10
Buy 10 50 lb. bags of #545 or #546 and get one 50 lb. bag free of the same product. If you mix the 10 bags then #546 will be the free bag.

5 FREE WITH 40
Buy 40 50 lb. bags of #545 or #546 and get 5 50 lb. bags free of the same product. If you mix the 40 bags then the free goods will be based on the ratio of purchased products

Available Bag Or Bulk



11,635 Heifers are presently being fed on the Pennfield Big Heifer Program with Bovatec®. Pennfield's highly fortified heifer feeds are designed to grow Big Deep-Bodied Heifers using a minimum amount of purchased feed and making best use of home made forages.

For More Information — Call Toll Free
From PA 1-800-732-0467 From MD, DE & NJ 1-800-233-0202

pennfield feeds

Quality - Service - Value

National Grain Market

St. Joseph, Mo.
Wednesday, December 4, 1991

USDA DAILY NATIONAL GRAIN MARKET SUMMARY **CORRECTION ON YEAR AGO SO. IOWA BEANS WHEAT PRICES CONTINUE HIGHER; CORN AND BEAN PRICES REBOUNDED FROM YESTERDAY'S DISAPPOINTING CLOSE. WHEAT 1 TO 4 CENTS HIGHER. CORN STEADY TO 1 CENT HIGHER SORGHUM 1 TO 5 CENTS HIGHER. SOYBEANS 7 TO 9 CENTS HIGHER. IDEAS USSR WILL SOON BID FOR PROMPT SHIPMENT OF WHEAT, ADDED SUPPORT TO ALREADY RISING WHEAT PRICES. OTHER SMALL EXPORT INTERESTS CONTRIBUTED TO GAINS IN WHEAT PRICES. INCREASE IN CORN PRICES DUE TO CONTINUED OPTIMISM FOR ADDITIONAL SALES, DESPITE THE LESS THAN EXPECTED AMOUNT OF CORN ALLOCATED TO USSR. REPORTS INDICATE MEXICO IS ALSO SEEKING CORN AND BEAN OFFERS. SOYBEAN PRICES SURGED AFTER DROPPING SHARPLY TUESDAY. GAINS WERE BROUGHT ABOUT BY USSR'S SUBSTANTIAL SOYMEAL ORDER AND OTHER EXPORT INTERESTS IN BEANS AND SOYOILS.

EXPORT NEWS: THE COMMODITY CREDIT CORP BOUGHT 17,300 TONNES U.S. HARD RED WINTER WHEAT USING PL480 FINANCING FOR ALBANIA WITH SHIPMENT DECEMBER. WEST AND CENTRAL AFRICAN NATIONS BOUGHT 5,000 TONNES WHEAT FLOUR UNDER EBP FOR JANUARY. THE SOVIET UNION BOUGHT 300,000 TONNES U.S. SOYMEAL UNDER ITS NEW GSM-102 FINANCING FOR DECEMBER TO JANUARY SHIPMENT. USSR BOUGHT 100,000 METRIC TONS SOYBEAN MEAL FOR 91/92 MARKETING YEAR. EGYPT BOUGHT 30,000 TONNES OPTIONAL- ORIGIN SUNOIL AND 15,000 TONNES OPTIONAL-ORIGIN COTTONSEED OIL FOR DECEMBER. ALGERIA BOUGHT 6,000 TONNES SUNOIL UNDER THE SUNFLOWERSEED OIL ASSISTANCE PROGRAM.

DATE CHANGE YEAR AGO 12/04/91 12/03/91 12/05/90 WHEAT: KANSAS CITY 3.96-3.99 UP 3-4 2.64-2.69 MINNEAPOLIS 3.97 1/2-4.03 1/2 DN 1 1/4 2.78 1/4-2.80 1/4 PORTLAND 4.46-4.50 UP 2-1 2.80-2.83 ST. LOUIS 3.58-3.61 UP 2 2.59-2.62.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.49-2.51 UP 1 2.36-2.40 MINNEAPOLIS 2.23 3/4 DN 1/4 2.19 3/4 SO. IOWA 2.39-2.45 NC-UP 1 2.35-2.38 OMAHA 2.31-2.33 NC-UP 1 2.21-2.23.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.73-5.75 UP 7 5.92-5.96 MINNEAPOLIS 5.45 3/4 UP 7 1/4 5.80 1/2 SO. IOWA 5.60-5.66 UP 9-8 **5.88-5.91 1/2 C. ILL. PROCESSORS 5.75-5.78 UP 7 1/2 5.97 1/2-6.02 1/2.

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.84 1/2 UP 3 2.64 1/4 MINEAPOLIS (MAR) WHEAT 3.67 1/2 DN 1 1/4 2.60 1/4 CHICAGO (MAR) WHEAT 3.83 1/2 UP 2 1/2 2.59 3/4 (MAR) CORN 2.48 3/4 UP 3/4 2.36 3/4 (JAN) SOYBEANS 5.62 3/4 UP 7 1/4 5.92 1/2.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.26-4.30 UP 3 3.06-3.09 NO. 2 SOFT RED WINTER WHEAT 4.21-4.24 NC-UP 3 2.87 NO. 2 YELLOW CORN 2.68-2.69 UP 1 2.55-2.62 NO. 2 YELLOW SORGHUM RAIL 4.82 UP 2 BARGE 4.86 UP 1 4.55-4.66 NO. 2 YELLOW SOYBEANS 5.98 UP 7-6 6.17-6.21.

Kutztown Produce Auction
Hay Auction

Saturday, November 30, 1991

4 LOADS HAY.
ALFALFA: 125.00-131.00.
TIMOTHY: 99.00.
MIXED HAY: 94.00.
WHEAT STRAW: 3 LOADS, 69.00-74.00.
FIREWOOD: 1 LOAD, 25.00 PICK-UP LOAD.
NEXT AUCTION SAT., DEC. 28, 9:30 A.M.

Westminster Hay

Westminster, Md.
Tuesday, December 3, 1991
Report Supplied by Auction

TOTAL LOADS: 15 LOADS, RAINY WEATHER.
ALFALFA: 3.10 BALE.
TIMOTHY: 2.10 BALE.
TIMOTHY MIX: 125.00.
ORCHARD GRASS: 105.00, 1.10-2.10 BALE.
TIMOTHY ROUND BALES: 33.00 EACH.
STRAW: 1.10-1.60 BALE.
WOOD: 40.00-62.50 CORD.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 3, 1991
Report Supplied by Auction

10 LOADS OF HAY.
MIXED HAY: FIRST CUTTING 128.00.
ALFALFA: 1ST CUTTING 125.00; 3RD 120.00-130.00; 4TH CUTTING 126.00.
GRASS: 104.00.
WHEAT STRAW: 87.00.

North Jersey Market

Hackettstown, N.J.
Tuesday, December 3, 1991
Hay—Straw & Grain Report

MIXED HAY: 1.50 BALE.
GRASS HAY: 2 LOADS, 1.50 AND 1.60 BALE.
OATS: 6.50 BAG.

Keister's Hay

Middleburg, PA
Tuesday, December 3
Report supplied by auction

ALFALFA: 100.00-170.00.
MIXED HAY: 90.00-115.00.
TIMOTHY: 97.50.
STRAW: 3 LOADS, 90.00.
EAR CORN: 1 LOAD, 125.00.
FIREPLACE WOOD: 35.00-40.00 LOAD.

Belleville Hay

Wednesday, December 4
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 41.
ALFALFA: 115.00-160.00.
MIXED HAY: 70.00-132.50.
STRAW: 2 LOADS, 90.00 AND 95.00.
CORN: 1 LOAD, 97.50.
OATS: 2.10 BU.

Dewart Hay

Dewart, PA.
Monday, December 2, 1991
Report Supplied by Auction

NO SALE THIS WEEK.

Clouser Feed Auction

Madisonburg, Pa.
Every Monday
At noon
Report Supplied by Auction

MIXED HAY: 2 LOADS 90.00 AND 102.50.
OAT STRAW: 1 LOAD 92.50.

North Jersey Livestock

Hackettstown, NJ
Tuesday, December 3, 1991
Report supplied by auction

CALVES .34-1.45.
COWS .31-52½.
EASY COWS .13-.48¾.
HEIFERS .38¼-.72.
BULLS .46¾-.68¼.
STEERS .50¼-.72.
HOGS .25-.40.
ROASTING PIGS 20.00-37.00 EACH.
SHEEP .19-.49.
LAMBS EACH 20.00-61.00.
LAMBS PER LB. .28-.74.
GOATS EACH 25.00-84.00.
KIDS EACH 9.00-71.00.
HIDES EACH 14.00.
TOTAL 905.

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)
For Info. 717-442-4181 business 215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

Notice Of Time Change
(Hay Sale)
Starting Jan. 1, 1992
(New Year's Day)
Hay And Straw Sales Will Start At 10 A.M. Every Wed.
GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

HORSE SALE
JAN. 3, 1992
10:00 A.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

HORSE SALE
JAN. 3, 1992
10:00 A.M.

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM
HORSES
MULES

1:30 PM
BEEF SALE
SHEEP
GOATS
CALVES

WEDNESDAY

HEIFER SALE
11:00 AM
COW SALE 12:00 NOON

HEIFERS BULLS DAIRY COWS

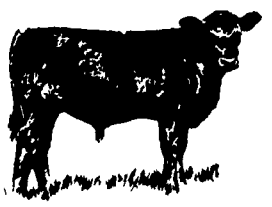
We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12
Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

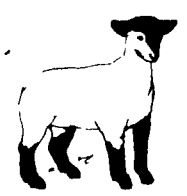
THURSDAY

Beef Auction
10:00 A.M.
BULLS
STEERS
BEEF COWS



1:00 P.M.
STOCKERS
&
FEEDERS

12:00 NOON
SHEEP
GOATS
CALVES



NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX # 717-355-0706

Order Buyer
Paul Good - 215-445-6662

New Wilmington Livestock Auction

N. Wilmington, Pa.
Monday, December 2, 1991
Report Supplied by PDA

CATTLE 167...PDA...Compared with last weeks market: Slaughter cows fully steady. Choice sl. steers 62.00-66.00, Select 60.75-63.75, few Standard 53.00-58.00. One Choice sl. heifer 62.50, Select and low Choice 56.25-61.50, few Standard 52.00-54.25. Breaking Utility & Commercial sl. cows 46.00-50.00, low yielding and low dressing down to 45.00, Cutter & Boning Utility 43.00-48.00, Canner & Low Cutter 37.50-43.00, Shells down to 30.00. Yield Grade No. 1, 1110/1570 lbs. sl. bulls 52.00-58.50, No. 2, 980/1505 lbs. 47.50-51.00.

CALVES 190... Supply included 80% sold to return to the farm. Individual Prime vealer 115.00, one Choice 110.00, Standard & Good 90/110 lbs. 60.00-70.00, 60/85 lbs. 40.00-60.00, lot Utility 55 lbs. 30.00. Farm Calves: Hol. Bulls No. 1, 85/135 lbs. 110.00-162.00, #2, 90/120 lbs. 80.00-127.50; No. 1, Hol. Heifers 90/115 lbs. 127.50-147.50.

HOGS 203...Barrows and gilts: .50 to 1.00 higher. US No. 1-2 225/250 lbs. 39.50-40.00, lot 40.75, 1-3 220/260 lbs. 38.00-39.50, 2-3 240/280 lbs. 37.00-38.00, lot 1-3 140 lbs. 29.50. SOWS: 3.00 to 6.00 higher. US No. 1-3 350/610 lbs. sows 31.00-39.00, 2-3 310/530 lbs. 27.00-31.50. Boars 15.00-31.00.

FEEDER PIGS 40...US No. 1-3 35/45 lbs. feeder pigs 15.00-26.00 --- all per head.

SHEEP 94...WOOLED SLAUGHTER LAMBS:...Choice 75/110 lbs. wooled slaughter lambs 40.00-49.00, few Good and Choice 80/95 lbs. 30.00-34.00. Slaughter sheep 10.00-24.00. - all cwt.

GOATS 0...No market test. --- all per head.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, December 2, 1991
Report Supplied by PDA

REPORT FOR DECEMBER 2, 1991 NOT AVAILABLE.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Dec. 3, 1991

SLAUGHTER

SLAUGHTER COWS: ACTIVE! STRONG DEMAND FOR EARLY BIRD PENS; BREAK UT. & COMM. 49.00-54.50, CUTTER & BONING UT. 47.75-52.00, CANNER & LOW CUTTER 44.00-47.50, BIG MIDDLE 44.50-48.00, SHELLY 43.00 & DOWN.

SLAUGHTER FAT BULLS: YG#1 62.50-64.00, YG#2 56.00-59.00.

FEEDER CATTLE: FDR. STEERS: (ALL WTS.) MED.&LAR.#2 73.00-83.00, FDR. HEIFERS: (ALL WTS.) (MOSTLY HEAVIES OFFERED) HOLSTEINS 52.00-65.00.

VEAL CALVES: CHOICE 85.00-107.00, STANDARD 65.00-80.0(

FARM BULLS: OVER 95 LBS. 180.00, UNDER 95 LBS. 160.00.

FARM HEIFERS: 125.00-150.00.

HOGS: BARROWS & GILTS: ACTIVE. US NO. 1-3 (210-260 LB.) 38.50-40.10. SOWS: OVER 450 LBS. 31.25-32.75, UNDER 450 LBS. 30.50-31.75, 2&4 (ALL WTS.) 26.50-30.00.

BOARS: HEAVY 24.00-25.00.

FEEDER PIGS: (BY THE HEAD): 25-45 LB. 24.00-38.00.

SHEEP: LAMBS: CHOICE (60-95 LB.) 60.00-66.00, GOOD & CHOICE (60-120 LB.) 47.00-55.00.

GOATS: (BY THE HEAD) SM./MED. 33.00-60.00.

SALE EVERY TUESDAY, 4:30 P.M. RABBITS POULTRY & EGGS, 7:00 P.M. LIVESTOCK.

NEXT STATE GRADED FEEDER PIG SALE FRIDAY, DEC. 13, 1:30 P.M.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 3, 1991
Report Supplied by PDA

REPORT FOR DECEMBER 3, 1991 NOT AVAILABLE.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, December 3, 1991
Report Supplied by Auction

CATTLE 307... REPORT IS SUPPLIED BY THE ACUTION ...High Choice & Prime slaughter steers 70.00-72.25, Choice 66.00-70.00, Select 60.00-66.00, Standard 56.00-59.00, Utility 50.00-56.00. Choice sl. heifers 60.00-65.00, few 70.00, Select 56.00-59.00, Standard 52.00-56.00, Utility 48.00-52.00. Breaking Utility & Commercial sl. cows 48.25-51.50, Cutter & Boning Utility 44.00-49.00, Canner & low Cutter 39.50-46.00, Shells down to 21.00. Select sl. bullocks 66.00-70.50. Yield Grade No. 1, 1300/1800 lbs. sl. bulls 56.00-61.00, No. 2, 1000/1300 lbs. 53.00-56.00.

CALVES 175...Standard and Good 80/100 lbs. vealers 60.00-80.00. Farm Calves: Holstein bulls No. 1, 90/115 lbs. 100.00-160.00, 80/90 lbs. 85.00-130.00; No. 1, Hol. Heifers 85/115 lbs. 80.00-162.50.

HOGS 118...(12/2/91) - US No. No. 1-2, 220/250 lbs. barrows and gilts 39.00-40.50, few 42.50, 1-3 215/260 lbs. 38.00-39.00, No. 2-3 200/270 lbs. 35.00-38.00, 1-3 190/280 lbs. 31.00-35.00. US No. 1-3 350/650 lbs. sows 30.00-34.00, 2-3 275/575 lbs. 26.00-30.00.

FEEDER PIG 315...US No. 1-3 20/30 lbs. feeder pigs 20.00-26.00, 30/40 lbs. 25.00-29.00 --- all per head.

SHEEP 28...Choice 40/60 lbs. wooled sl. lambs 54.00-64.00, Good 30/50 lbs.40.00- 50.00. - all cwt.

GOATS 19...Large 30.00-50.00, few 70.00, Small 17.00-30.00.. --- all per head.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 4, 1991
Report Supplied by PDA

CATTLE 236...PDA .. Supply included 85 slaughter steers and heifers; and 43 feeder cattle ... Few Choice 1050/1450 lbs. sl. steers 65.25-70.50, one 72.50, few Select 63.25-67.50; few Choice Holsteins 61.75-63.75, few Select 58.75-61.00. Choice sl. heifers 64.75-68.75, couple 71.00&74.00, few Select 61.75-65.75. Breaking Utility and Commercial sl. cows 47.00-51.00, couple to 53.75, Cutter & Boning Utility 46.75-51.25, few to 52.50, Canner & low Cutter 41.50-45.75, Shells down to 35.50. Couple Choice sl. bullocks 65.50&67.50, one Select 64.75, few Select Holstein 59.00-61.00. Few Yield Grade No. 1, 1480/1775 lbs. sl. bulls 59.50-67.75. Feeder Cattle: Few Medium Frame No. 1, 600/850 lbs. steers 56.00-59.00, few Large No. 2, 600/895 lbs. 58.50-62.50.

CALVES 188...Couple Choice vealers 110.00&112.00, Standard and Good 70/95 lbs. 55.00-65.00, Utility 50/75 lbs. 40.00-50.00. Farm Calves: No. 1, Holstein Bulls 90/125 lbs. 130.00-155.00, No. 2, 80/120 lbs. 65.00-100.00, few to 125.00; No. 1, Hol. Heifers 90/125 lbs. 92.50-162.50, few Beef cross 70/100 lbs. bulls & heifers 77.50-169.00.

HOGS 312... US No. 1-2 220/245 lbs. barrows and gilts 38.75-39.85, 1-3 215/260 lbs. 37.75-39.25, few 2-3 255/265 lbs. 37.00-37.25, 2-4 280/300 lbs 33.50-36.50. SOWS: US No. 1-3 350/675 lbs. sows 28.00-32.00. Boars 23.00-25.00.

FEEDER PIGS 214. .US No. 1-3 20/35 lbs. feeder pigs 105.00-132 50, 40/70 lbs. 61.00-85.00--- per hundredweigh.

SHEEP 52...Few Choice 65/125 lbs. wool lambs 55.00-70.00, few Good 60/100 lbs. 44.00-48.00; few Choice 30/60 lbs. New Crop lambs 82.50-130.00. Slaughter sheep 17.00-23 00. - all Cwt.

GOATS 5...One Large 55.00, few Medium 41 00-46 00 --- all per head.

A. & C. DIFFENBACH AUCTION INC.

1991-92

100 W. JACKSON ST., BOX 186
NEW HOLLAND, PA 17557

HAY SALE EVERY MONDAY - 10:00 A.M.
Flea Market Spaces Available Every Monday Next To Hay Sale.

MON., DEC. 9	6:30 P.M.	WHOLESALE FURNITURE AUCTION
WED. JAN. 8	6:30 P.M.	WINROSS TRUCK AND FARM TOY AUCTION
FRI., JAN. 10	9:00 A.M.	FARM EQUIPMENT AUCTION

PHONE (717) 355-7253-OFFICE (717) 354-3297 HOME
FAX #355-9547
ALAN DIFFENBACH AUCT. - AU2258-L

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

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TWO LOCATIONS

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

The Saving Place

YOUR GIFT HEADQUARTERS FOR CASE IH FARM TOYS -
Now On Sale Through December!

THE SECRET OF HAPPINESS IS NOT IN DOING WHAT ONE LIKES, BUT IN LIKING WHAT ONE DOES

WE SHIP PARTS DAILY
Via FED. EXP. - UPS - PPSH - BUS - AIR FREIGHT, ETC.

HOURS
Mon.-Fri. 7 AM-5 PM; Sat:: 7 AM-Noon

CALL US...
It Could Be We Have It

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Authorized
UPS Station

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GARST SEED COMPANY

8344 A STRONG PERFORMER
OUR HIGHEST VOLUME HYBRID

SERVOS SEED CORP.
215-388-6039

THE OLD FARMER'S ALMANAC

DEC. 9-15, 1991

Poinsettia Day, Dec. 12.

Dec 9, 1907, the first Christmas Seals, designed and developed by Emily P Bissell, go on sale in the Wilmington, Del , post office, with proceeds of about $3,000 realized to aid the campaign against tuberculosis Dec 12, 1972, Apollo 17 astronauts Eugene A Cernan and Harrison H Schmitt discover orange soil on the surface of the moon Dec 13, 1577, Sir Francis Drake begins his voyage to circumnavigate the globe *Our memory is always at fault, never our judgement*

Ask the Old Farmer: A few years ago I purchased a wreath made from real holly It's now falling apart How do I preserve it? H T , Georgia

Spray the entire wreath front and back, with clear spray lacquer

Home Hints Care for your poinsettia by placing it in a bright area, but not in the hot sun When it s done flowering, store in a cool place and prune in the spring In August pinch off any weak shoots

OLD FARMER'S WEATHER FORECAST

New England: Continuing clear and mild as the week begins, then look for rainy weather midweek Clearing again and turning sunny and mild for the weekend

Greater New York-New Jersey: Warm weather with rain, light in the north Turning sunny and mild with showers in the south, then cloudy and cold to end the week

Middle Atlantic Coastal: Rain, heavy in the south, and mild Midweek brings sunny skies and continued mild weather The week ends with a cold snap and flurries

Piedmont & Southeast Coastal: Sunny skies and warm temperatures, then rain, heavy in the south, and snow in the mountains Clearing and cold on the weekend

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Belknap Livestock Auction

Dayton, Pa.
Wednesday, December 4, 1991
Report Supplied by PDA

CATTLE 71. PDA ..Couple Breaking Utility and Commercial slaughter cows 48.00 & 49.25, Cutter and Boning Utility 43.00-48.00, Canner and low Cutter 36.50-43.00, Shells down to 27.50. Couple Yield Grade No. 1, 2010&2025 lbs. sl. bulls 53.50 & 55.50, one No. 2, 900 lbs. 47.50. FEEDER CATTLE: Few Medium Frame No. 1, 315/350 lbs. steers 81.00-83.50, Medium Frame No. 2, 280/505 lbs. 59 00-70.00.

CALVES 147... Supply included 80% sold to returned to farm ...Standard and Good 90/110 lbs. vealers 60 00-74.00, 60/85 lbs. 46.00-65.00. Farm Calves: No. 1, Holstein Bulls 85/125 lbs. 100.00-171.00, No. 2, 90/125 lbs. 75.00-120 00; No. 1, Hol. Heifers 90/135 lbs. 90.00-155 00, one 166 00, No 2, 85/120 lbs. 70.00-102.50. Few Beef cross 60/135 lbs. bulls & heifers 73 00-132 00.

HOGS 137... One lot US No. 1-2 250 lbs. barrows and gilts 42.10, 1-3 245/265 lbs. 39.30-41.00, lot 44.00, couple lots 2-3 275 lbs. 37.25 & 38.90, small lot 1-3 155 lbs. 33.50. Sows: US No. 1-3 430/630 lbs. sows 30.25-32.00, one 2-3 390 lbs. 28.50, few Boars 22.50-23.25.

FEEDER PIGS 35... US No. 1-3 30/35 lbs. feeder pigs 14.50-18.50 - all per head.

SHEEP 1... One slaughter sheep 10.00 - all Cwt.

GOATS 0. - all per head.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 3, 1991
Report Supplied by PDA

CATTLE 140... PDA ...Compared with last Tuesday's market: Slaughter cows uneven, mostly .50 to 1.00 lower. Few Select Holstein steers 58.25-63.00, few Standard 54.75-56.00. Few Choice sl. heifers 68.50-69.25. Breaking Utility & Commercial sl. cows 48.00-50.00, couple to 54.25, Cutter & Boning Utility 45.50-51.25, couple to 52.00, Canner & Low Cutter 41.50-45.00, Shells down to 37.00. Couple Yield Grade No. 1, 1930 lbs. sl. bulls 61.50 and 2055 lbs. 63.75.

CALVES 217...Standard and Good 70/95 lbs. vealers 59.00-69.00, Utility 55/75 lbs. 50 00-60.00. Farm Calves: Hol. Bulls No. 1, 90/130 lbs. 120.00-152.00, No. 2, 80/120 lbs. 68.00-115.00; No. 1, Hol. Heifers 80/110 lbs. 85.00-142.00. Few Beef cross 70/100 lbs. bulls and heifers 90.00-137 00.

HOGS 155 ..Barrows and gilts: 1.00 to 2 00 higher. US No. 1-3 225/255 lbs. barrows and gilts 39 00-40.85, 4 head 41.50. Sows: US No. 1-3 300/550 lbs. sows 28.00-33.25.

FEEDER PIGS 0...No market test - per head.

SHEEP 4 ..Slaughter sheep 5.00-14.00. - all Cwt.

GOATS 0...No market test. - all per head.

Morrison Cove Livestock

Martinsburg, Pa.
December 2, 1991
Report supplied by auction

CATTLE: 146. STEERS CHOICE NO MKT. TEST; GOOD 65.00-69.25.

HEIFERS: CHOICE NO MKT. TEST; GOOD 63.00-65.75.

COWS: UTILITY AND COMMERCIAL 46.00-50.50, CANNER AND LOW CUTTER 36.00-48.00.

BULLOCKS: GOOD AND CHOICE 58.00-60.00.

BULLS: YG#1 55.00-64.10.

FEEDER CATTLE: STEERS 65.00-81.00, BULLS 45.00-73.00, HEIFERS 52.00-65.00.

CALVES: 271. PRIME NO MKT. TEST; CHOICE 85.00-91.00; GOOD 81.00-84.00; STANDARD 55.00-70.00; HOLSTEIN BULLS 90-130 LBS. 125.00-155.00; HOLSTEIN HEIFERS 90-130 LBS. 120.00-140.00.

HOGS: 71. US#1-2 39.00-40.50, US#1-3 37.50-38.75.

SOWS: US#1-3 26.00-33.00.

BOARS: 23.00-28.50.

FEEDER PIGS: 30. US#1-3 20-50 LBS. 10.00-18.00 PER HD.

SHEEP: 23 HEAD. CHOICE NO MKT. TEST; GOOD 37.00-41.00; SLAUGHTER EWES 12.00-20.00.

GOATS: 33.00.

22 LOADS HAY. ALFALFA 137.50-170.00; TIMOTHY 85.00-118.00; 2 LOADS STRAW 86.00-100.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, December 4, 1991
Report Supplied by Auction

CATTLE 177... REPORT IS SUPPLIED BY THE AUCTION ... Select slaughter steers 60.00-65.00. Breaking Utility and Commercial slaughter cows 47.50-51.50, Cutter and Boning Utility 44.85-48.25, Canner and low Cutter 41.00-44.50, Shells down to 39.00. Yield Grade No. 2 slaughter bulls 58.25-59.50.

CALVES 135...One Choice vealer 112.50, Good 69.00-80.00, Standard and Good 40.00-55.00. FARM CALVES: No. 1, 95/110 lbs. Holstein bulls 120.00-170.00, 115/130 lbs. 120.00-147.50, 85/95 lbs. 80.00-157.50.

HOGS 92... US No.1-2, 220/240 lbs. barrows and gilts 40.25-41.25, 1-3 200/260 lbs. 38.50-40.10.

FEEDER PIGS 123...US 1-3 20/30 lbs. feeder pigs 18.00-25.00, 30/40 lbs.25.00-33.00, 40/50 lbs. 34.00-42.00. --- all per head.

SHEEP 42...Choice 60/65 wooled slaughter lambs 58.00-65.00, Good 40/100 lbs. 48.00-54.00. - all Cwt.

GOATS 2... --- all per head.

HOLSTEIN DAIRY COWS 25 ... $660.00-1275.00 --- PER HEAD.

Isennock Auction

New Park, PA
Monday, December 2, 1991
Report supplied by auction

SLAUGHTER COWS: 52.75 AND DOWN, 2 AT 56.75.

CALVES: 110-120 LBS. 135.00-149.00; 95-105 LBS. 132.00-145.00; 85-90 LBS. 110.00-120.00; WEAK AND ROUGH 80.00 AND DOWN.

HEIFER CALVES: 110-120 LBS. 120.00-160.00; OTHERS 90.00 AND DOWN.

FEEDER HEIFERS: 330-445 LBS. 59.00-76.50.

FEEDER BULLS: 350-450 LBS. 64.50-76.50; 690-720 LBS. 48.00-57.00.

SOWS: 1 AT 710 LBS. 28.00.

BOARS: 1 AT 505 LBS. 24.00.

HOGS: HEAVY 265-310 LBS. 38.50-40.50.

FEEDER PIGS: 26.50 HEAD.

GOATS: 27.00-51.00 HEAD.

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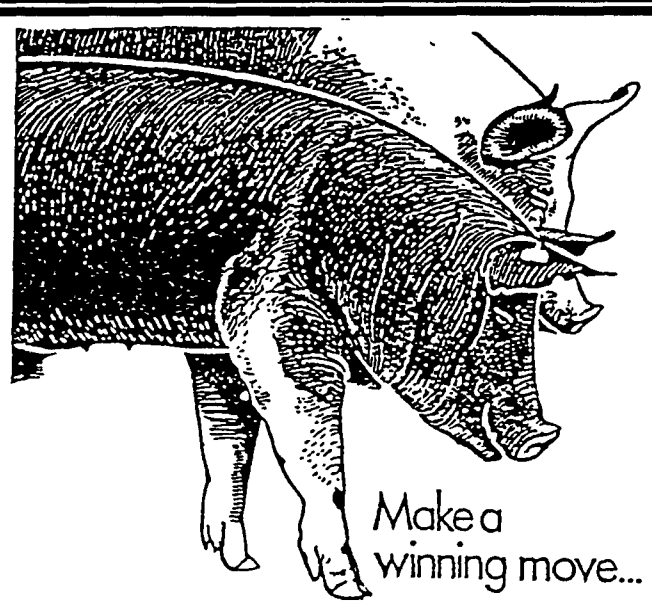

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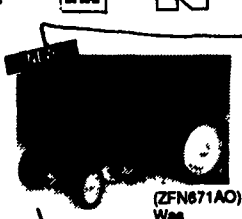
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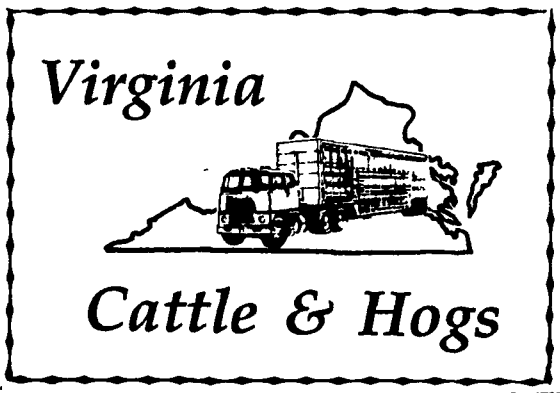

Virginia Weekly

Richmond, Va.
Thursday, December 5, 1991

WEEKLY REVIEW IN VIRGINIA THE VIRGINIA HOG MARKET FOR NOVEMBER 28-DECEMBER 4, 1991. RECEIPTS FOR THE PERIOD TOTALED 2,674 HEAD COMPARED TO LAST WEEK 2,240 HEAD. THE VIRGINIA HOG MARKET CLOSED $3.00 HIGHER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-2 220-250 LBS. 38.00-40.00 40.50-41.50 US 2-3 220-250 LBS. 39.50-40.50 US 1-3 200-210 LBS. 36.50-37.50 US 1-3 210-220 LBS.38.50-39.50 US 2-4 250-260 LBS. 37.50-38.50 US 2-4 260-270 LBS. 35.50-36.50 US 3-4 270-280 LBS.33.50-34.50 US 3-4 280-300 LBS. 31.50-32.50.

SLAUGHTER STEERS AND HEIFERS -%; SLAUGHTER COWS --% SLAUGHTER BULLS -%, SLAUGHTER CALVES AND VEALERS -%; FEEDER CATTLE UNDER 600 LBS --%, OVER 600 LBS --% PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS SLAUGHTER CATTLE STEERS: CHOICE 2-3 1000-1150 LBS 65.50-67.50 CHOICE 2-3 1150-1300 LBS 66.50-67.80 CHOICE 2-3 1300 & OVER 65.75-67.60.

HEIFERS: CHIOCE 2-3 900-1100 LBS 63.00 CHOICE 2-3 1100 LBS & OVER 60.50-65.50 SLAUGHTER COWS UTILITY & COMMERCIAL COWS 42.00-51.75 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 52.00-64.50 1-2 1300-1600 LBS 52.00-62.75 1-2 1600 LBS & OVER 54.00-65.75 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 200-350 LBS --- GOOD AND CHOICE 200-350 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS --- SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS WOOL 46.00 SLAUGHTER HOGS US 1-3 200-250 LBS --- SOWS US 1-3 300-500 LBS 35.00-41.00 500 LBS & OVER 37.00-39.00.

FEEDER CATTLE STEERS: MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 90.00-110.00 300-400 73.00-85.00 300-400 86.00-104.00 400-500 70.00-82.00 400-500 85.00-98.00 500-600 70.00-81.00 500-600 80.00-90.00 600-700 60.00-76.00 600-700 75.00-91.00 700-800 64.00-68.00 700-800 74.00-81.00 800-900 60.00-66.00 800-900 65.00-79.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
November 30, 1991
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 90.00-104.00; 500-700 LBS. 81.00-89.50; 700-1000 LBS. 75.00-76.25.

FEEDER BULLS: 300-500 LBS. 80.00-87.00.

HEIFERS: M&L-1 300-500 LBS. 78.00-85.00; 500-700 LBS. 72.00-78.00; 700-800 LBS. 70.00-75.00.

STOCK COWS: BABY CALVES 57.00-137.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 42.00-47.75; CANNERS AND CUTTERS 1-3 38.00-46.50.

LAMBS: BLUE O HIGH CHOICE AND PRIME 46.00; RED O CHOICE 45.10; FEEDER LAMBS CHOICE 51.00; SLAUGHTER EWES 18.00.

Dewart Livestock

Dewart, Pa.
December 2, 1991
Report Supplied by Auction

STEERS: 54.00-62.00.

HEIFERS: TOO FEW TO QUOTE.

GOOD COWS: 48.00-53.75.

CANNERS AND CUTTERS: 35.00-48.00.

BULLS: 1 AT 51.00.

VEAL: 90-190 LBS. 99.00-165.00; 70-90 LBS. 50.00-99.00.

HOGS: 35.00-37.25.

SOWS: 25.00-35.00.

FEEDER PIGS: TOO FEW TO QUOTE.

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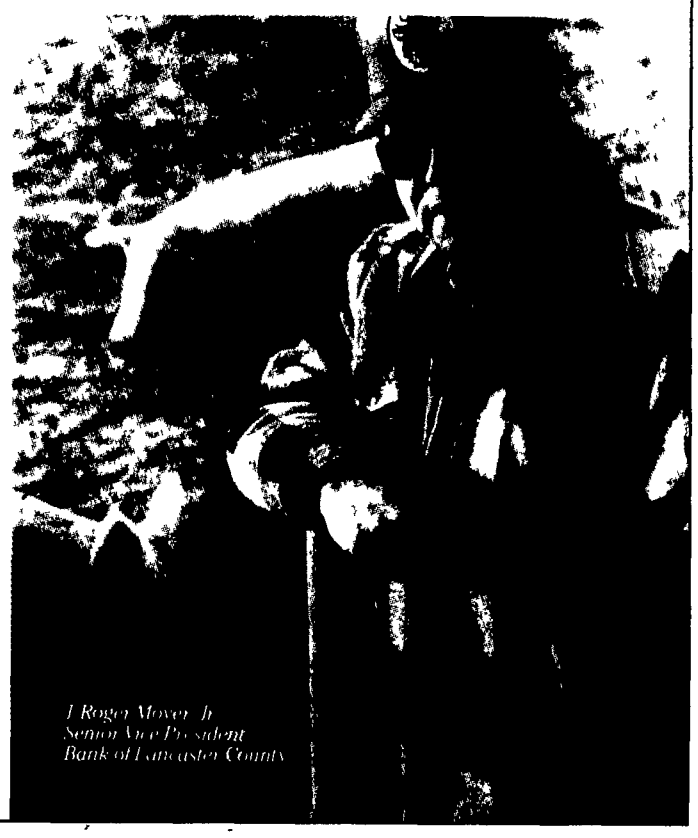

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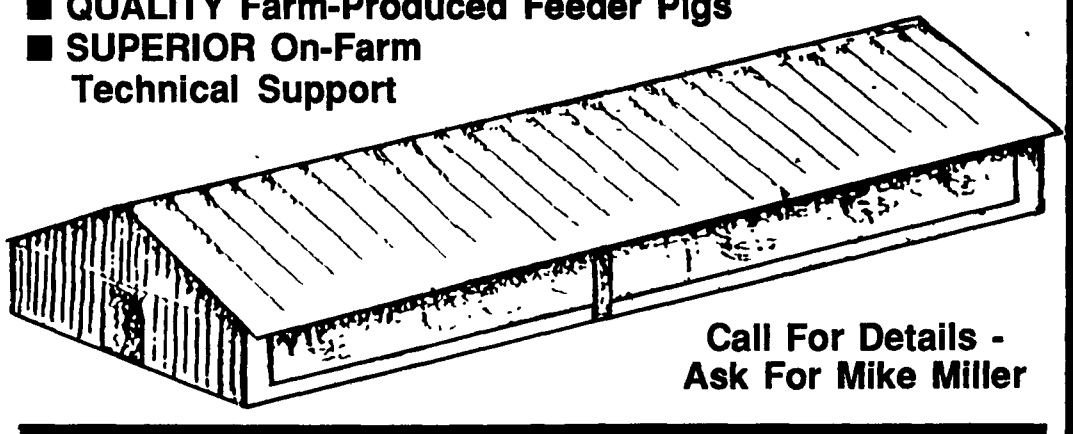

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Lancaster Farming

OPINION

The Prize:
A Unified Pennsylvania DHIA

In an article starting on Page A1 of this week's issue, we have published the tremendously informative and well-researched document about the history of the Pennsylvania DHIA Program. This detailed presentation of the illustrious Pennsylvania program, written by Donald Ace, professor emeritus at Penn State's Dairy Science Extension, shows how PDHIA, maybe more than any other organization, has helped fashion the unique and enviable position of the dairy industry in Pennsylvania.

Unfortunately, this wonderful legacy left to us by our forefathers is in danger of annihilation. What should be a vital and progressive organization into the 21st centry may within a few years become simply a monument to past historical achievement.

Frankly, we are shocked by the division and confrontation that has surfaced over the issue of centralization. What should have raised PDHIA to a level superior to any other dairy organization in the nation, has become such a sharp two-edged sword of division that the entire dairy industry of Pennsylvania is in danger of losing its credibility.

We don't blame anyone. We blame everyone involved. At a time when the economic welfare and survival of the individual dairy farm family so much needs unity and mergers to reduce costs of services, we find the largest state dairy fraternity fragmentizing itself by division.

Christian brother is pitted against Christian brother. Dairyman against dairyman.

Centralization of PDHIA was to bring all dairymen to the same level of quality service that was experienced by the larger, well-managed counties. But a number of county organizations are now outside the fold because they are not convinced it will be better for them. This bitter division must be diffused immediately.

We are in favor of centralization because many things in the system of dairy record-keeping must be brought up to standards that make them creditable. This can best be done by having one jurisdiction in the state. But to accomplish this state need, people must be brought together by reason and persuasion and agreement rather than by denial of records.

It is time to collectively renew our efforts to build a stronger dairy industry in friendly fellowship rather than continue to have destructive confrontations. Its time to forget those things that are past and press toward the prize of a unified Pennsylvania DHIA. The welfare of the whole dairy industry depends on it.

Farm Calendar

Saturday, December 7

Lancaster Co. 4-H Horse Club banquet, Farm and Home Center, 6:30 p.m.

National 4-H Congress, Chicago, Ill., thru Dec. 13.

Sunday, December 8

National 4-H Congress, Chicago, Ill., thru Dec. 13.

Monday, December 9

Cumberland Valley Adult Farmers farm refuse and recycling, Cumberland Valley H.S., 8 p.m.

Centre Co. DHIA annual meeting.

Penn State Tax Institute, State College, thru Dec. 10.

Holstein Steer Meeting 4, Farm and Home Center, 7:30 p.m.-9:30 p.m.

Northeastern Pa. tomato meeting, Thompson's Dairy Bar, Clarks Summit.

Fayette Co. agronomy meeting, Fayette Co. Area Vocational School, Uniontown, 7:30 p.m.-8:30 p.m. and 8:30 p.m.-9:30 p.m.

Swine educational meeting, York 4-H Center, Bair, 7:15 p.m.-9:45 p.m.

National 4-H Congress, Chicago, Ill., thru Dec. 13.

Hay Auction, Westmoreland Fairgrounds, 11 a.m.

(Turn to Page A35)

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Have Hay Tested Before Feeding

At the recent Pennsylvania Forage Conference, there was a hay judging contest where participants were asked to rank four bales of hay according to quality.

The hay that had the lowest relative feed value was the hay most people selected as being the best. Had they purchased this hay and fed it to cows, chances are that dry matter intakes and performance would have been less compared to the poorer looking hay.

Thus, there is more to hay quality than what meets the eye and nose. The only way you will be fairly sure of the quality of hay you are feeding is to have it tested. It is especially important this year because of the poor weed control we experienced and the unusual growing conditions we had.

To Apply For Milk Refund

Are you shipping about the same amount or less milk this year compared to last year? Do you have a conservation plan for your farm?

If your answer is yes to both questions, then you might be eligible for a 5 cent per hundred weight refund for the milk you shipped in 1990. How much money is this? If you have a 60-cow herd that averages 15,000 pounds of milk per cow, your refund would be $450. For more information and application, contact your local ASCS office.

To Consider Pesticide License Update

Farmers with private applicators licenses to apply pesticides to farm land have a new requirement to meet if they use a fumigant.

Fumigation of space, commodities, or soil now requires a special certification for private applicators. The Penn State Office of Pesticide Education has developed educational material to help applicators prepare for this examination.

This material may be ordered by calling Penn State's Department of Independent Learning at (800) 252-3592 and asking for the fumigation educational information. Also, start planning now to attend meetings that will allow you to renew your pesticide license.

Feather Prof's Footnote: "Indecision is the graveyard of good intentions."

Farm Forum

Editor:

I am writing in response to an article titled, "Are Producer Financed Milk Promotions Necessary?" (Lancaster Farming, 11-9-91 Vol. 36 No. 52, Pg. A30).

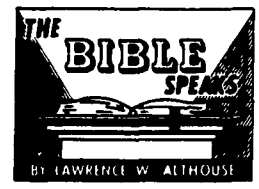
I am a dairy farmer in Centre County, and I agree that many of our advertising dollars seem to be wasted in the costs of promotion rather than promotion itself. I appreciate your publication's concern for the milk industry, and I would like to ask you to forward a copy of this letter to the proper promotion people who can further consider it. Possibly the Milk Industry Foundation (Washington, D.C) mentioned in your article.

First of all, the general population needs to be reinformed that milk is NOT a health poison. I think that the national dairy promotion board has been working on this, but there is more to do.

2% milk consumption is up, but 4% is greatly declined. People who think they are doing themselves a favor avoid 4% milk like the plague, and then hog down something like macaroni or spaghetti. A box of KRAFT Macaroni and Cheese has a fat content of 25% as served. I realize that these foods use milk products too, but I'm sure the promotion board can see that many foods contain a fat content higher than 4%. Milk needs to be advertised as **96% FAT FREE**, and not as 4% milk!

Your article also states that whole milk consumption has not changed in the past 3 decades, and possibly even declined, that soft drink consumption has doubled since 1970. Since soft drink companies have proven by this fact that they know what they are

(Turn to Page A35)



SUPPOSE THERE'S NO "VICTORY"
December 8, 1991

Background Scripture: Judges 4:4-5:31.

Devotional Reading: Psalms 81.

Like the song of Moses (Exodus 15:1-18), the song of Deborah and Barak is a victory song that gives voice to their joy for the defeat of their enemy, Sisera:

"Hear, O kings; give ear, O princes, to the Lord I will sing. I will make melody to the Lord, the God of Israel.

What made this victory so sweet was that the people hadn't believed they could not win. The prophetess Deborah had to persuade Barak that with God's help it could be done. Even then, he was dubious: "If you will go with me, I will go; but if you will not go with me, I will not go." Because of this reticence to believe her prophecy, Deborah warned him: "I will surely go with you; nevertheless, the road on which you are going will not lead to your glory, for the Lord will sell Sisera into the hand of the woman" (4:8,9). Because of Barak's lingering doubts, there would still be victory, but the credit would go to someone else.

You and I might judge Barak as being overcautious - as, under the circumstances, indeed he was. Yet, we should be able to better appreciate his caution, for most of us have stood where he did: was this a message from God, or was it merely from Deborah? Acting upon God's message is difficult because it is not always clear who is the source of it. As it turned out, against great odds they did defeat their enemy, Sisera. So, Deborah and Barak celebrated the victory singing the praises of God who made it possible.

But suppose there had not been a victory? Suppose the battle had been either a draw or a defeat for the people of Israel, would they still sing God's praise?

These are very important questions because life is not a continuous string of victories - for some of us, far from it ! There have been times when a loved one did not make it through an illness, when our book was turned down by the publisher, when we did not get the promotion we worked for, and when that for which we hoped and prayed ernestly just didn't happen. Jesus suffered on the cross. Stephen was stoned to death. Paul, although saved from violent death a number of times, eventually, it would appear, was put to death. So, do we still sing?

STILL A CROSS

It is wonderful to be delivered from a peril or problem in the midst of life. When that happens, let us praise God for it. But that is not our ultimate assurance, just as it was not God's ultimate Providence to Jesus. There are times when, instead of being saved in the nick of time, we have to suffer. God's ultimate promise to us, I believe, is not that we will always be saved from life's perils, but that we are always saved in the midst of those perils. Of course it is more enjoyable for us to get the long-awaited promotion, but it is no less valuable to us to have God's help in dealing with our failure to get it.

So, whether we win or lose the battle, God is with us and he has promised us that He will win the war. The day-to-day fortunes of the struggle are one day "wonderful!" and another "terrible!" But in the long run God will prevail and because of that, so will we.

And that's something to sing about, too!

Lancaster Farming
Established 1955
Published Every Saturday
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Ephrata, PA 17522
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Lancaster Farming, Inc.
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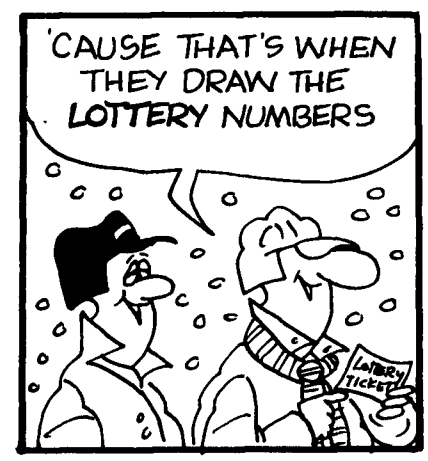
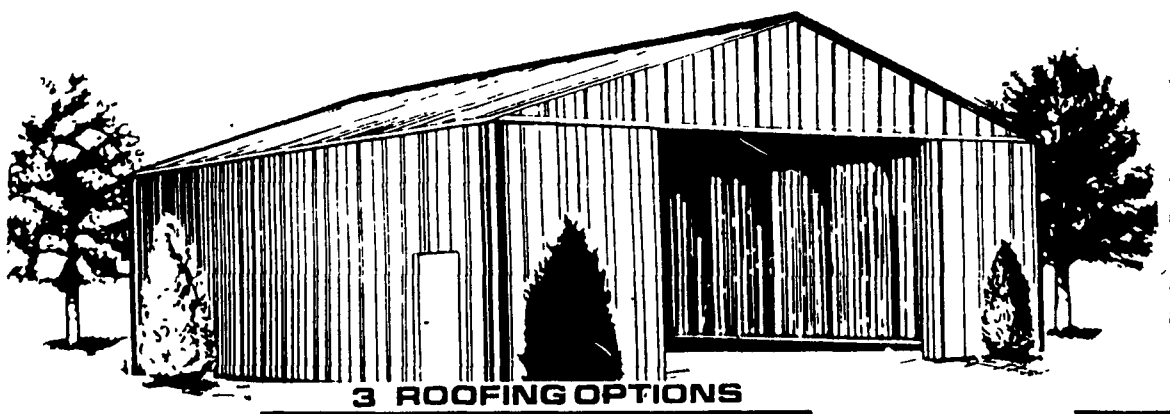
UNCLE OTIS, I SURE COULD USE A HIRED HAND, WOULD YOU BE INTERESTED IN GOING BACK TO WORK?
I'LL LET YOU KNOW AFTER SIX O'CLOCK SATURDAY EVENING.
DAVE CARPENTER



CARTER Lumber

• QUALITY MERCHANDISE
• SELECTION • SERVICE
• GUARANTEED SATISFACTION

CARTER POLE BUILDINGS



CONSTRUCTION • Pressure treated posts & skirt boards • 2x4 Premium grade girts & purlins • Prefabricated clear span trusses 4' On Center • Sliding doors w/National hardware • 3°6⁸ Prehung door • Also includes all nails, hardware, trim, plans and instructions • 29 Gauge Fabral Painted Steel Siding

3 ROOFING OPTIONS

	29 GA Plain Steel	29 GA Painted Steel	.0155 Plain Aluminum
30' x 32'-10'	$3,449	$3,705	$3,695
30' x 40'-10'	$4,250	$4,450	$4,395
30' x 48'-10'	$5,175	$5,395	$5,325
32' x 40'-12'	$4,695	$4,895	$4,750
32' x 48'-12'	$5,595	$5,795	$5,650
32' x 56'-12'	$6,125	$6,395	$6,225
32' x 64'-12'	$6,935	$7,195	$7,025

3 ROOFING OPTIONS

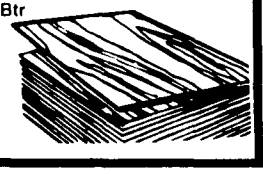
	29 GA Plain Steel	29 GA Painted Steel	.0155 Plain Aluminum
40' x 48'-12'	$ 6,295	$ 6,695	$ 6,495
40' x 56'-12'	$ 7,095	$ 7,295	$ 7,125
40' x 64'-12'	$ 8,175	$ 8,350	$ 8,235
40' x 72'-12'	$ 9,150	$ 9,395	$ 9,195
56' x 64'-14'	$10,995	$11,625	$11,250
56' x 80'-14'	$13,385	$13,625	$13,425
56' x 88'-14'	$14,735	$15,095	$14,895

Glotex Tuff-R SHEATHING©

½ "x4'x8' (*R-3.6)..... $5.89
¾ "x4'x8' (*R-5.4)..... $7.89
1"x4'x8' (*R-7.2)..... $10.69
*Higher R-values mean greater insulating power
Ask us for the fact sheet on R-values

1/4" LAUAN PLYWOOD

•5 2 mm Nominal •Overlay & Btr
•Sanded
Interior Projects $8.39
Exterior Projects $9.39



ORIENTED STRAND BOARD

•Interior or exterior use •4' x 8'

1/4"	7/16"	3/4" T&G
$4.29	$5.79	$11.59

Onduline®

The Lifetime Roofing
New Size Sheet 6'7& x 48"
• Easy to Install
• New lifetime limited warranty
$10.39 Per Sheet
7 Smooth Stock Colors
BLACK - BROWN - GRAY - WHITE
GREEN - TAN - RED

MONTHLY SPECIAL ON GREEN $9.89 Per Sheet

GARAGE DOOR

From EVERITE DOOR CO.

• 4 panel, 4 section w/windows
• Wood door
• Hardware & track included
• 9'x7'

$159.95

PONDEROSA PINE BOARDS

•Choose from a large selection
•Priced per lineal foot

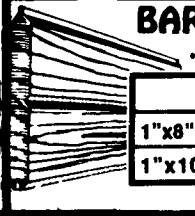
	#2	#3
1" x 4"	.31	.17
1" x 6"	.48	.26
1" x 8"	.59	.34
1" x 10"	.75	.42
1" x 12"	1.06	.69

4'x8' PLYWOOD

ASSOCIATION GRADE STAMP

	3/8"	1/2"	5/8"	3/4"
GIS EXTERIOR YP	10.39	13.09	16.79	17.69
CD EXTERIOR	7.39	7.89	12.39	13.69
T&G UNDERLAY	—	—	14.69	16.29

BARN SIDING



• Can be used interior or exterior
• T&G GRADE #3

	6'	8'	10'	12'	14'	16'
1"x8"	2.28	3.04	3.80	4.56	5.32	6.08
1"x10	2.94	3.92	4.90	5.88	6.86	7.84

MON.-THURS. 7:30-6:00
FRI. 7:30-8:00
SAT. 7:30 to 4:00
6 DAYS A WEEK
DELIVERY AVAILABLE

LANCASTER, PA.	ELIZABETHTOWN, PA.	CARLISLE, PA.	CHAMBERSBURG, PA.	NORTHUMBERLAND, PA.	HARRISBURG, PA.
2275 Old Phila. Pike, Rt. 340 East	Rt 230 East	1840 Harrisburg Pike, US 11	2155 Wayne Road, Rt. 316 East	RD 1, US 11 North	7365 Allentown Blvd.
717-397-4829	717-367-1886	717-245-0404	717-263-0822	717-473-8311	717-545-4941

All Items Shown May Not Be In Stock At All Locations

CARTER 1991

Northern Virginia Livestock Summary

Marshall, Va.

Tuesday, December 3, 1991

ALL TRENDS COMPARED TO LAST TUESDAY SLAUGHTER CATTLE 76 HEAD - NO TRENDS REPORTED.

********** THE FOLLOWING ARE STATE GRADED SALES **********

SLAUGHTER STEERS & HEIFERS 78 HEAD STEERS CHOICE 2-3, 1000-1150 LB. 65.50 - 67.50 CHOICE 2-3, 1150-1300 LB. 66.50 - 67.80 1 AT 68.75 CHOICE 2-3, 1300 LBS. & OVER 65.75 - 67.60 SELECT 2-3, 900-1100 LB. 58.75 - 62.50 SELECT 2-3, 1100 LBS. & OVER 63.50 - 64.10.

HEIFERS CHOICE 2-3, 900-1100 LB. 63.00 CHOICE 2-3, 1100 LBS. & OVER 60.50 - 65.50 1 AT 67.50.

********** END OF STATE GRADED SALES **********

SLAUGHTER COWS 65 HEAD COWS CUTTER & BONING UT. 1-3 43.25 - 47.75 BREAKING UT. & COMM. 2-4 44.75 - 48.50 (FEW STATE GRADED 46.50-50.50) CANNER AND LOW CUTTER 1-2 40.00 - 44.25.

SLAUGHTER BULLS 11 HEAD BULLS Y.G. 1-2, 900-1300 LB. 55.00 - 63.50 Y.G. 1-2, 1300-1600 LB. 56.50 - 62.75 Y.G. 1-2, 1600 LBS. & OVER 58.00 - 65.75.

FEEDER CATTLE 176 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 86.50- 95.00 - - - 400-500 88.00- 93.00 84.50- 91.00 75.00 - 500-600 80.00 78.00- 80 00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 76.00- 79.50 - - - 400-500 70.00- 78.00 74.50- 80.00 62.50- 67.50 - 500-600 71.50- 73.00 - - - 600-700 60.00- 66.00 - - - 700-800 - 66.00 - - BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 80.00- 83.50 - 70.00- 77.50 - 300-400 - - - - 400-500 80.00- 85.00 75.00- 82.50 - - 500-600 65.00- 72.00 - - - 600-700 62.50- 68.75 - - - 700-900 59.00- 62.

BABY CALVES RETURNED TO FARMS 13 HEAD NEWBORN TO 4 WK OLD $40.00-75.00 PER HEAD. OVER 100 LBS $75.00-117.50 PER CWT.

Southwest Virginia Livestock Summary

Wytheville, Va.

Tuesday, December 3, 1991

ALL TRENDS COMPARED TO LAST TUESDAY SLAUGHTER HOGS 21 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 2-4, 250-300 LB. 46.50 - 50.50 SOWS US 1-3, 300-500 LB. 35.00 - 41.00 US 1-3, 500 LBS. & OVER 37.00 - 39.00.

SLAUGHTER CATTLE 74 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 70 HEAD COWS CUTTER & BONING UT. 1-3 42.00 - 47.00 BREAKING UT. & COMM. 2-4 43.00 - 49.00 CANNER AND LOW CUTTER 1-2 37.00 - 42.00.

SLAUGHTER BULLS 4 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 56.00 Y.G. 1-2, 1600 LBS. & OVER 56.00 - 59.75.

LAMBS TOTAL RECEIPTS 35 HEAD - NO TRENDS REPORTED. FEEDER LAMBS 35 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 46.25 CHOICE AND FANCY, 60-70 LB. 45.00.

FEEDER CATTLE 161 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 92.00- 96.00 - - - 300-400 - - 78.00- 80.00 - 400-500 85.00- 89.00 85.00- 90.00 - 80.00- 85.00 500-600 80.00- 82 00 - - - 600-700 76.00- 79.00 - - - HOLSTEIN STEER MED & LARGE 2 300- 500 72.00- 77.00 500- 700 - 700- 900 63.00- 69.00 900-1100 63.00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - - - 300-400 - - - 77.00- 78.00 400-500 - - 63.00- 68.00 73.00- 76.00 500-600 - - - 72.00- 74.75 BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 89.00- 95.00 - - - 300-400 - - 82.00- 86.00 - 400-500 - - 81.00- 86.00 - 500-600 - - 76.00- 77.00 - 600-700 - - - - 700-900 - - 68.00- 69.00 - BABY CALVES RETURNED TO FARMS 10 HEAD NEWBORN TO 4 WKS OLD $60.00-135.00 MOSTLY $85.00-115.00 PER HEAD.

Central & Southeast Virginia Livestock Summary

Lynchburg, Va.

Monday, December 2, 1991

WINCHESTER - NO REPORT SLAUGHTER CATTLE 114 HEAD SLAUGHTER COWS 105 HEAD COWS CUTTER & BONING UT. 1-3 45.50 - 50.75 BREAKING UT. & COMM. 2-4 43.75 - 51.75 CANNER AND LOW CUTTER 1-2 40.00 - 46.00.

SLAUGHTER BULLS 9 HEAD BULLS Y.G. 1-2, 900-1300 LB. 52.00 - 59.00.

FEEDER CATTLE 375 HEAD.

STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 - - 78.00- 83.00 81.50- 85.50 400-500 - - 76.00- 84.50 79.00- 84.50 500-600 84.00- 87.50 - 67.25- 73.25 72.00- 80.00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 73.00- 80.50 - 69.00- 73.00 69.75- 74.25 400-500 70.75- 74.50 - 68.00- 71.50 71.00- 73.50 500-600 - - 67.75- 69.00 68.50- 68.75.

BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 83.50- 96.00 85.00- 95.00 75.00- 81.00 - 400-500 78.00- 84.50 82.50- 84.00 71.00- 78.00 73.00- 83.00 500-600 69.50- 80.00 - - 65.00- 70.00.

BABY CALVES 100 LBS & OVER 89.00-112.00 PER CWT.

********** THE FOLLOWING ARE STATE GRADED FEEDER CATTLE ********

STATE GRADED FEEDER CATTLE SALE HELD AT LYNCHBURG, VA ON DECEMBER 2, 1991. 241 HEAD SOLD STATE GRADED.

STEERS MED&LARGE 1 MED & LARGE 2 300-400 94.50 92.50 400-500 88.50- 95.25 87.00- 89.00 500-600 90.00- 91.00 84.75- 88.00 600-700 79.50- 82.25 75.25- 76.00 700-800 76.25- 81.50 -

HEIFERS MED&LARGE 1 MED & LARGE 2 300-400 77.00- 82.00 74.50- 77.00 400-500 72.75- 78.25 71.75- 75.50 500-600 71.25- 74.50 70.25- 74.50 600-700 71.25- 73.50 70.50- 72.75.

********** END OF STATE GRADED FEEDER CATTLE **********

Westminster Livestock Auction

Hagerstown, Md.

Tuesday, December 3, 1991

Report supplied by auction

SLAUGHTER COWS: UTILITY 47.00-50.00; LOW DRESSING 45.00-47.00; HIGH DRESSING 50.00-53.00; CANNERS 44.00-47.00; SHELLY 44.00 AND DOWN.

BULLS: YG#1 1500-1700 LBS. 58.00-58.75; YG#2 1100-2100 LBS. 52.00-56.00.

FED STEERS: FEW OFFERED. HIGH CHOICE 1050-1225 LBS. 69.00-70.00; STANDARD 55.00-59.00.

FED HEIFERS: CHOICE 1050-1150 LBS. 65.00-66.25; SELECT 60.00-63.00; CHOICE #3 800-950 LBS. 56.00-60.25.

VEAL CALVES: LOW CHOICE 1 200 LBS. AT 88.00; FEW GOOD 130-180 LBS. 86.00; CULLS 85-115 LBS. 62.00-70.00; 50-80 LBS. 55.00-64.00; WEAK/ROUGH 50.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 10.00-15.00 LOWER. #1 95-120 LBS. 125.00-147.00; #2 85-100 LBS. 75.00-115.00; HOLSTEIN HEIFERS 100-120 LBS. TO 157.00; BEEF X BULLS 80-100 LBS. 90.00-115.00.

BUTCHER HOGS: 30 HEAD. US#1&3 8 HEAD 253 LBS. TO 38.60; 260-280 LBS. 4 HEAD 38.00-39.50; 280-325 LBS. 30.00-35.25.

SOWS: 35 HEAD, STEADY PRICES. 300-500 LBS. 30.00-31.50; 500-700 LBS. 32.00-33.50.

BOARS: 6 HEAD. 350-650 LBS. 23.00-25.50.

STOCK CATTLE: 100 HEAD. STEERS 300-500 LBS. 72.00-83.00; 500-700 LBS. 69.00-85.00; 700-900 LBS. 60.00-69.00; 900-1000 LBS. 58.00-69.00.

HEIFERS: 300-500 LBS. 67.00-77.00; 500-700 LBS. 62.00-68.00; 700-850 LBS. 54.00-64.00; 850-1050 LBS. 49.00-59.00.

BULLS: 200-400 LBS. FEW TO 79.00; 500-700 LBS. 65.00-75.00; 1 1000 LB. AT 53.00.

LAMBS: 10 HEAD. CHOICE 100-115 LBS. FEW TO 50.00; 80-95 LBS. 56.00-58.00; 2 HEAD 30 LBS. AT 61.00.

SHEEP: 14.00-20.00; FEW 23.00-28.00.

GOATS: 20 HEAD. LARGE FEW 61.00-75.00; MEDIUM 35.00-57.00; SMALL 20.00-30.00.

PIGS AND SHOATS: 125 HEAD. BY THE HEAD 20-30 LBS. 12.00-27.00; 35-50 LBS. 26.00-34.00; 50-65 LBS. 34.00-39.00.

STOCK BOARS: 6 HEAD. 220-250 LBS. 33.00-33.50; 1 285 LB. TO 31.50.

SHEARSON LEHMAN BROTHERS

FORNEY LONGENECKER
SECOND VICE PRESIDENT / FINANCIAL CONSULTANT
COMMODITIES

29 E. KING STREET
SUITE 200
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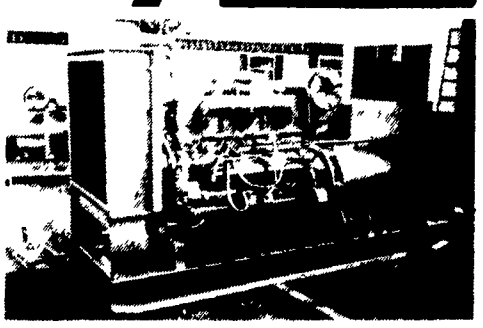
MARTIN MACHINERY



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Sales ★ Service ★ Rentals
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"We Service It If You Have It And Sell It If You Need It"
34 W. Mohler Church Rd.
Ephrata, PA 17522
Tel: 717-738-0300
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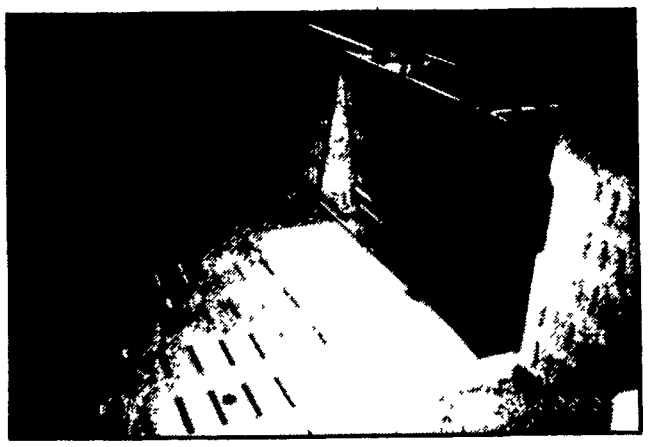
Concrete Slatted Hog Barns

Concrete slats for Grower, Finisher and Gestation.

Available in slot sizes:
¾ ", ⅞ ", 1" or 1¼ " by 4" or 9" long



Concrete Penning Available in Sizes:

2' or 4' long by 30" high by 1½ " for weaner pigs.
2' or 4' long by 36" high by 1½ " for fat hogs.
2' or 4' long by 42" high by 1½ " for gestation pens.

New Style Concrete "Waffle Slats"

"Waffle Slats" can be undercut so it can replace existing steel slatted areas.
Special sizes can be made in increments of 1" on request.

Other Products:
• H&J Bunks • Cattle Slats
• Concrete Posts & Beams • Bunker Silos

Give us a call on hog, beef, dairy and heifer barns

KEYSTONE CONCRETE PRODUCTS INC.

477 East Farmersville Road
New Holland, PA 17557
(717) 355-2361

"WAFFLE SLAT" ®
Syr Con Corporation

Philadelphia Vegetables

Philadelphia, Pa.
December 5, 1991

ARTICHOKES CA ctn 48s 6.00 60s 5.00.

ASPARAGUS LOWER CHILE 11-lb crt bchd 12s jbo 23.00 PERU 11-lb crt bchd 10s lge & std 26.00- 27.00 sml 25.00 bchd 12s exlge 26.00.

BEANS OFFERINGS LIGHT FL various bu containers Round Green type 18.00 few hgr.

BEANS-LIMA NO OFFERINGS.

BEETS TX crt bchd 12s 7.00 topped 25-lb film bags 7.00 NJ topped bubkts few 9.00-10.00 AZ ctn bchd 12s 7.00-8.00.

BROCCOLI SLIGHTLY HIGHER CA ctn bchd 14s 8.50-10.00 mos 9.00-10.00 few 10.50-11.00 fair cond 4.00- 5.00 18s 10.00 AZ ctn bchd 14s 8-8.50 TX ctn bchd 14s 6.00 sml fair cond 2.00-4.00 AL ctn bchd 14s 5.00-6.00 mos 5.00.

BRUSSEL SPROUTS CA 25-lb ctn 18.00.

CABBAGE GREEN ABOUT STEADY, OTHERS LOWER 1-3/4 buctn & crt med green unless otherwise stated NJ 6.00-7.00 one lot 4.50 NY 50-lb sks lge 5.50-6.00 few 5.00 Savoy type 6.00-7.00 Red 9.00- 10.00 NC 7.00-9.00 GA 6-6.50 Savoy type 7.00 Red 8.00 LI 6.00-7.00 CANADA Savoy type 6.00-7.00 Red 9.00-10.00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 12.00-15.00 FL med few 12.00 50-lb sacks lse jbo CA 10.00 CO 8.00 FL 10.00 50-lb ctns lse med-lge CA few 10.00 ctn bchd 24s CA 10.50.

CAULIFLOWER HIGHER CA ctn film wrpd 12s 13.00-14.00 few 16.00 fair cond 8.00 ord cond 2.00- 4.00 AZ ctn film wrpd 12s 12.00 FL ctn film wrpd 9s 9.00-10.00 12s 8.50- 10.00 16s 7.00-8.00 LI LIcrt jacket pack 12s 9.00-10.00.

CELERY ABOUT STEADY CA ctn 1-1/2 doz 8.00-9.00 mos 9.00 2 doz 8.00-9.00 mos 9.00 2-1/2 doz 8.50-10.00 mos 9.00 3 doz 9.00 FL ctn Hearts film wrpd 18s 10.00.

CHINESE CABBAGE FL Celery crt 8.00 Nappa 8.00-9.00 1-3/4 bucrt Nappa & Bok Choy 10.00.

CORN OFFERINGS LIGHT FL wirebound crt approx 4-1/2 doz Yellow no offerings White 14.00.

CUCUMBERS ABOUT STEADY. 1-1/9 bucrts & ctns waxed medium unless otherwise stated FL 6.00-8.00 fair cond low as 4.00 fair qual 5.00-6.00 ord qual 4.00-5.00 MEXICO ord qual 5.00 sml 7.00.

DAIKON CA 40-lb ctn 9.00-10.00 FL bucrt 9.00-10.00.

EGGPLANT ABOUT STEADY FL 1-1/9 buctn med incl wrpd 5.00-7.00 fair qual 3.00-4.00 MEXICO bucrt 18s 5.00-7.00.

ENDIVE LOWER FL 1-1/9 bucrt 6.00-7.00 BELGIUM 10-lb ctn Witloof type few 15.00.

ESCAROLE LOWER FL 1-1/9 bucrt 6.00-7.00.

GARLIC per lb CA 30-lb ctn White new crop colossal .90 super jumbo .85.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards 5.00-6.00 Turnip Tops with root 7.00 Kale 6.00 Upland Cress 7.00 PA Col- lards 6.00 Kale 5.50-6.00 NC Mustard, Turnip Tops & Rape 6-6.50 FL Swiss Chard 10.00 TX 24s Dandelion 10.00 CA 20-lb ctn Broccoli Rabe 30.00 AZ 24s Red Kale 10.00 20-lb ctn Broccoli Rabe few 20.00.

LEEKS ABOUT STEADY NJ crt bchd 12s 10.00 AZ ctn bchd 12s few 7.50-8.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CA 10.00-13.00 film wrpd 24s fair qual 10.50 30s 9.00-10.00 AZ 11.00-13.00 mos 11.00-12.50 film wrpd 14.00-15.00 30s 11.00 few 12.00 ROMAINE HIGHER CA 24s ctn 10.00-11.00 mos 10.00 crt 14.00 AZ ctn 24s 7.00-8.00 FL ctn 24s 5.00-6.00 BOSTON CA ctn 24s 6.00-7.00 few hgr FL ctn 24s 5.00-6.00 BIBB FL ctn 24s 5.00-6.00 LEAF CA ctn 24s 7.50-8.50 few 9.50 Red 7.50-8.50 few 9.00 AZ ctn 24s incl Red 7.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 4.50-5.00 few 5.50 sml-med 3.50-4.00 10-lb ctn med 8.25-9.00 mos 8.50 lge 11.00 few 11.50 exlge 11.00-11.50 packages 10-12 oz 8.25-9.00 mos 8.50 3-lb ctn Shiitake 14.50-15.00 few 15.50-16.00 fair qual 12.00.

OKRA TOO FEW SALES TO QUOTE.

ONIONS-GREEN LOWER TX crt bchd 24s med-lge bulb 8.00 MEXICO ctn bchd 48s 6.00-7.00 few 5.50.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt 8 00-10.00 Plain 8 00- 10.00 CA ctn 10.50.

PARSNIPS NJ 1/2 buctn few 10.00.

PEAS-GREEN STEADY GUATEMALA 10-lb ctn per lb Sugar type 1.20-1.40 mos 1.20-1.30.

PEAS-SOUTHERN OFFERINGS INSUFFICIENT TO QUOTE.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif. Wonder type Green unless otherwise stated FL exlge 6.00-8.00 lge 5.00-6.00 mos 6.00 med 4.00-5.00 Mixed Red lge & med 4.00-5.00 Cubanelle med 6.00-7.00 TX exlge 6.00-7.00 lge 4.00-5.00 mos 5.00 med 4.00 MEXICO exlge 5.00-6.00 lge 4.00-5.00.

RADISHES STEADY FL ctn Red 30-6 oz film bags 3-3.50 14-1 lb film bags 3.50-3.75.

RHUBARB NO OFFERINGS.

RUTABAGAS CANADA CD#1 waxed med 50-lb ctns 8.00.

SPINACH ABOUT STEADY NJ Savoy type bubkt 6.00-7.00 1-1/4 bucrt 6.00-7.00 PA Savoy type 1-1/9 bucrt 6.00 CA Flat type crt bchd 24s 12.00 AZ Flat type ctn bchd 24s 9.00- 10.00 REPACKED ENROUTE ctn 12-10 oz film bags Savoy type 8.50-9.00.

SQUASH LOWER 1/2 bucrt & ctn unless otherwise stated FL Zucchini sml-med 4.00-5.00 occ hgr med 2.00-3.00 Yellow Straightneck sml-med 7.00 med 5.00 MEXICO ctn Spaghetti type 8.00.

SWEET POTATOES ABOUT STEADY NC 40-lb cartons Jewel type US#1 cured 12.00-12.50 fair appear 10.00 NJ 1/2 buctn cured Yellow Jersey 7.00-8.00 fair qual 5.00 Red Jersey 11.00-14.00 fair qual 8 00

TOMATOES LARGE LOWER, OTHERS ABOUT STEADY 25-lb ctn Pink to Light Red 85% or better US#1 qual unless otherwise stated FL exlge 6 00-7.00 lge 5.00-6.00 mos 5.50-6.00 med 5-5.50 fair qual exlge 6.00 lge 5.00-6.00 mos 5.00 med 4.00 CA vineripe 2-lyr flat 4x4-5x5s fair cond 3.00-4.00 MEXICO vineripe 2-lyr flat 3x4-4x4s incl fair cond 2.50-5.00 REPACKED LOCALLY FL exlge 9.50 lge 9.00 med 9.00 PLUM TYPE FL Too few sales to quote CHERRY TYPE flats 12-1 pt trays FL 4.00- 5.00 Red low as 3.50 fair cond 2.00-3.00 MEXICO 5-5.50.

TURNIPS topped PA 25-lb film bags med 5.00.

VEGETABLES-OTHER ITALY 1-lyr flat Radicchio 12s 10.00.

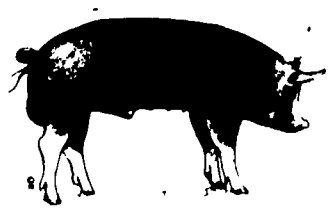
WATERCRESS FL ctn bchd 24s 10.00.

Peoria Sheep

Peoria, Illinois
Tuesday, December 3, 1991

FEDERAL-STATE OPENING, MIDSESSION AND CLOSE.

SHEEP: 50 NOT ENOUGH FOR A MARKET TEST.



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Please call us for directions.

AUCTION — PARADISE TOBACCO SALES — AUCTION

Ph. 717-687-0990

PENNSYLVANIA 609 TOBACCO MARKET OPENS AT $1.65
450,000 lb. Sold At First Sale

2ND SALE FOR 609 IS FRI., DECEMBER 6th @ 10:30 a.m.
Mon., December 9th @ 10:30 a.m.
Wed., December 11th @ 10:30 a.m.
Fri., December 13th @ 10:30 a.m.
Receiving Tobacco Sat., Mon., Tues., Thurs. And Morning Of Sale.
Ask for Mitch White About Trucking! 3 Or 4 Trucks Available.

We Want To Emphasize Early Tobacco Stripping! As Always Our Opinion Is We Feel That Lots Of Pounds On Warehouse Floor Means A Lot To The Buyers' Demand.

Please Watch Your Moisture. DON'T STRIP TOO DAMP!! We Have One Of The BEST CROPS EVER, And We Want To Continue To PRESENT IT TO THE BUYERS IN A NICE PACKAGE!

PLEASE CONTINUE GRADING!

Take A Look At 3 Compartment Bale Box & Lathe Holders. It Is A Labor Saving Technique And Makes A fun Job Stripping Tobacco.

Please Call Paradise Anytime For Market Reports And Any Up-To-Date Tobacco Information. If You Would Like A Representative To Visit You Also Call!

PARADISE TOBACCO SALES
717-687-0990
We Are Dedicated To The Farm Community!
OUR BIGGEST CONCERN IS YOUR TOBACCO MARKET!

HORSEHIDE
GENUINE HORSEHIDE
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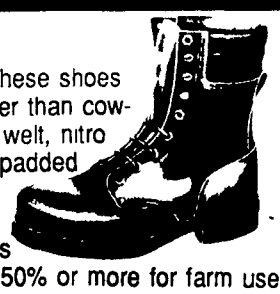

Made of tough, long wearing horsehide, these shoes stand manure, silage, oil and grease better than cowhide. Shoes feature a genuine Goodyear welt, nitro cork sole that will not track, steel shank, padded collar, cushion insole and arch support. Ideal for barn use. Sizes 7-13 including ½ sizes. 1st quality. Our experience shows that horsehide outlasts good cowhide by 50% or more for farm use.

STYLE	WIDTH	PRICE	SIZE	TOTAL
6 inch	D, EE, EEE	$63.95		
8 inch	D, EE, EEE	$65.95		
8" Steel Toe	EE Only	$70.95		
8" Insulated,	snow grip sole	$73.95		

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Kutztown Produce Auction

Fleetwood, PA
November 30, 1991
10 A.M.
Report Supplied by Auction

APPLES: 1.75-4.50 ½ BU.
BROCCOLI: 1.75-2.25 1 1/9 BU.
CABBAGE: .05-.27 HEAD.
CAULIFLOWER: .17-.46 HEAD.
POTATOES: RED AND WHITE 2.75-5.50 50 LBS.
SPINACH: 1.00 ½ BU.
CHRISTMAS GREENS
PLANTER LOGS: EMPTY 1.50-2.25 EACH; WITH GREENS 3.50-5.00 EACH; WITH GREENS, DECORATED 4.50-6.50 EACH.
WREATHES: 3.00-11.00, AVG. 4.50.
GROUND PINE: .35-.75 BUNCH.
HOLLY: .75-1.25 BUNCH.
GREENS: BUNDLES 3.00-7.00 BUNCH; SCOTCH, FIR, RED PINE, SPRUCE, SWAGS 2.00-3.00 EACH.
LAST PRODUCE AND GREENS AUCTION TUES., DEC. 10, 9:30. COMMUNITY CONSIGNMENT SALE SAT., DEC. 14, AT 10 A.M.

Leinbach's Shippensburg Produce Auction

(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
November 30 and December 3
Open 11 a.m. Tues. and Sat.
Report Supplied by Auction

APPLES: FALL VARIETIES 1.50-4.00 ½ BU.
BROCCOLI: 3.00-5.00 14 CT. BU.
CAULIFLOWER: .50-.75 HEAD.
CABBAGE: 2.75-4.50 50 LBS.
CIDER: .90-1.40 GAL.
PUMPKINS: NECK, YELLOW .25-.75 EACH.
SWEET POTATOES: 1.00-4.50 ½ BU.
TURNIPS: 1.50-3.00 25 LBS.
POTATOES: RED AND WHITE 4.50-5.50 50 LBS., 1.00-1.35 10 LBS., 2.00-2.35 20 LBS.
ENGLISH WALNUTS: 4.00-6.00 ½ BU.
POINSETTIAS: 1.25-1.50 EACH.
PINE WREATHS: 4.50-5.50 EACH.
BALED TREES: 5'-8' 7.00-14.50 EACH, UNBALED TREES 5'-8' 5.00-8.75 EACH.

Philadelphia Potato & Onion

Philadelphia, Pa.
Wednesday, December 4, 1991

ONIONS-DRY STEADY 50-lb sacks US#1 or generally good quality and condition Yellow unless otherwise stated ID-OR Spanish Hybrid type collosal 8.00-8.50 jumbo 7.00-7.50 mos 7.50 some 8.00 25-lb sks Red lge 8.00 med 5.00 CO Spanish Hybrid type jumbo 7.00-7.50 fair cond 6.00 White Jumbo 20.00 UT Spanish hybrid type jumbo 7.50-8.00 White jumbo 19.00 NY Globe type med 6.00-7.00 mos 6.00-6.50.

POTATOES STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES NYLI 5.00-5.50 fair qual 3.00- 3.25 lge 5.75-6.00 baled 5-10 lb paper sks 6.00-6.25 10-5 lb paper sks 7.00-7.25 CANADA CD#1 Prince Edward Isle 5.50-6.00 Round Reds MN/ND 6.50- 7.00 sz B 11.00 few 12.50 NY 5.00-6.00 mos 5.50 sz B 9.50 few 10. RUSSETS Norkotah 50-lb carton count unless otherwise stated ID Burbank 70s 10.50-11.00 mos 11.00 80s 10.50-11.00 mos 11.00 few 11.50 90s 8.50- 10.00 100s 7.00-8.00 baled 10-5 lb film bags non size A 7.50 WI 70-80s 7.50-8.00 90s 7.00-7.50 100s 6.00-7.00 mos 6.50 120s 6.50 CO 90s 7.00-7.50 mos 7.00 100s 6.00-6.50.

PRODUCE AND CHRISTMAS TREE SALES EVERY TUES. AND SAT. AT 11 A.M.

Oklahoma City Feeder Cattle Weekly

Oklahoma City, Okla.
Wednesday, December 4, 1991

ATTENTION DODGE CITY OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY COMPARED WITH LAST WEEK: FEEDER CATTLE AND CALVES $1.00-$3.00 LOWER, EXCEPT 600-800 LB. STEERS $.50-$1.00 LOWER. DEMAND LIGHT TO MODERATE FOR MOST CLASSES. MODERATE TO FAIRLY GOOD FOR YEARLING STEERS. QUALITY OF SUPPLY PLAIN TO AVERAGE, FEW ATTRACTIVE. WEIGH CONDITION GAUNT TO AVERAGE. RECEIPTS REDUCED THIS WEEK DUE TO SUNDAY'S ICE & SNOW STORM. SLAUGHTER COWS STEADY. SLAUGHTER BULLS STEADY TO $2.00 HIGHER, CLOSING AT FULL ADVANCE. RECEIPTS THIS WEEK 4,375; LAST WEEK 8,733; LAST YEAR 8,833. SUPPLY CONSISTED OF 58% YEARLINGS; 33% CALVES UNDER 600 LB.; 9% COWS & BULLS. BULK PRICE RANGES FOLLOW:

FEEDER STEERS: MEDIUM & LARGE FRAME 1, 300-400 LB. $105.00-$116.00; 400-500 LB. $90.00-$100.00; 500-550 LB. $91.00-$94.75; 550-600 LB. $84.00-$93.00; 600-700 LB. $83.00-$89.00; 700-800 LB. $82.50-$86.25; 800-900 LB. $77.00-$82.75. LARGE FRAME 2 HOLSTEINS, 370 LB. $96.00; 425 LB. $88.00; 525 LB. $77.00; 710 LB. $65.00.

FEEDER HEIFERS: MEDIUM & LARGE FRAME 1, 300-400 LB. $88.00-$93.50; 400-500 LB. $82.00-$93.00; 500-600 LB. $78.00-$84.50; 600-700 LB. $76.50-$85.50; 700-750 LB. $72.00-$80.00.

SLAUGHTER COWS: CUTTER, BONING AND BREAKING UTILITY Y.G. 1-4 AVERAGE DRESSING $44.00-$48.00; HIGH DRESSING $47.00-$50.50; LOW DRESSING $40.50-$44.00.

SLAUGHTER BULLS: CLOSING SALES: Y.G. 1 1150-1900 LB. AVERAGE DRESSING $59.00-$60.00.

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302 Iona Rd., Lebanon, PA 17042
Phone: 717-272-8943

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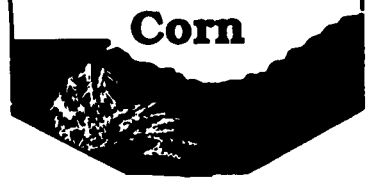

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Home of the new varieties STINE SOYBEAN SEEDS
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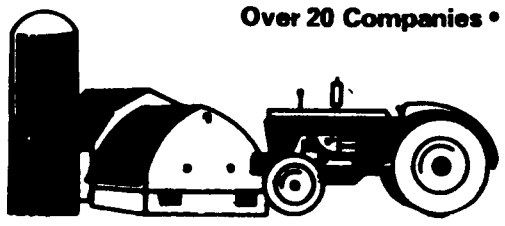

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Robert Beach — Bedford, Fulton, Blair, Huntingdon — 814-766-2264
Frank Mitchell — Mifflin, Centre, Juniata, Huntingdon — 717-248-3419
*Gary Rhoades — Clarion, Venango, Forest — 814-797-6893
Price Real Est. & Insurance — Crawford, Venango, Erie, Mercer — 814-724-1120
Wilbur Miller — Crawford — 814-724-2750
Paul Wicks — Somerset — 814-443-2643
Keith Moyer — Westmoreland — 412-668-2121
Preston Joswiak — Butler, Mercer, Armstrong, Beaver, Lawrence — 412-637-2627

EVERGREEN JD TRACTOR CO., INC. JD

TRACTORS:
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp $26,600
JD 4240 PS, Sound Guard $24,900
Bobcat 743 Skid Steer Loader, Sharp $10,900
JD 3020 Diesel, Power Shift, Sharp $8,950
JD 7020 Duals, Cab, Air, PTO, 3 Pt. Sharp $17,500
Bobcat 643 Diesel Skid Steer Loader $8,750
AC WD w/2 Row Mounted AC Picker, Collectors Item $1,500
JD 4240 PS, Tractor w/Sound Guard Body $19,850

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 653 6 Row 30" Bean Head $4,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 4425 Combine, Nice
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Sheller $1,850
6 Row 1000 PTO Stalk Shredder $2,450
JD 443 Corn Head $4,650
JD #27 6 Row Stalk Shredder $2,950
UFT 6 Row Stalk Shredder 1000 PTO $2,450

CULTIPACKERS
Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) (2) Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
Brillion 16' Packer w/Transport $1,850

MISCELLANEOUS:
NH 352 Grinder-Mixer $2,450
JD 37 Loader, All Hydraulics For Utility $1,850
Donahure Implement Trailer $1,850
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Bobcat 907 Backhoe $4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain $1,850
JD 48 Loader for Row Crop Tractor $2,150
JD 10' HD Front Dozer Blade $2,150
JD On-Land Hitch For 7B 2500 Plow $1,200
JD Tandem Drill Hitch $475
Martin Scavenger Spreader #1678 ..... $4,750
JD 148 Loader, Sharp $2,650
Bobcat 909 Backhoe $5,250
NI 243 Manure Spreader $2,950
NI 213 Manure Spreader $1,450
NI #244 10 Ton Tandem Axle Spreader $2,350

PLANTERS & GRAIN DRILLS:
JD 1240 Plateless Planter $850
JD 8300 18x7 DD Grain Drill w/Grass $3,850
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 7000 6 Row Liquid Fert. Attach. $1,500
(1) (2) Ea. Complete JD 7000 Planter Units w/No-Till Coulters $450
JD 8300 21x7 DD Drill $3,450

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 4 Row 30" Cultivator $1,050

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 7x16" On-Land Plow $5,400
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x16" Pull Type Auto Reset Plow $3,950
JD 2500 5x16" Auto Reset Plow $3,950
(New) JD 12' Chisel w/Walking Tandem $3,450
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD F125 3x16 Plow $950
JD 4200 3B 16" Roll-Over Plow $3,950
JD 825 4B 16" Roll-Over Plow $3,250
Oliver 5 or 6 Bottom Spring Reset Plow $2,950

DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc $2,550
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field Cultivator w/Tine Harrow $1,850
JD TW 12' Plowing Disk $1,500

ROLLER HARROWS AND CULTIMULCHERS
IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,250
Brillion 15' Roller Harrow $3,850
Kewanee 20' Flat Fold Roller Harrow $5,950
JD F950 12' Roller Harrow $3,450

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
JD 672 Hydraulic Drive Rake, Like New $3,250
JD 327 Baler w/#40 Ejector, Sharp $7,950
JD 1207 Mower Conditioner $2,550
Owatonna 320 Stacker $1,550
JD 1209 Mower Conditioner $2,950
JD 5720 4WD SP Harvester w/3 Row & Pickup, One Of A Kind $64,500
IH #35 Hydraulic Drive Rake $1,450
NH 450 3 Pt. Mower $1,450

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- 7000 Planters
- 2500 Plows
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- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

Coming In...
JD F930 14' Transport Packer
JD 2 Row 3 Pt. Planter
Add-on Bottom for 4200 Roll-Over

Store Hours
PARTS- Mon. Thru Fri.
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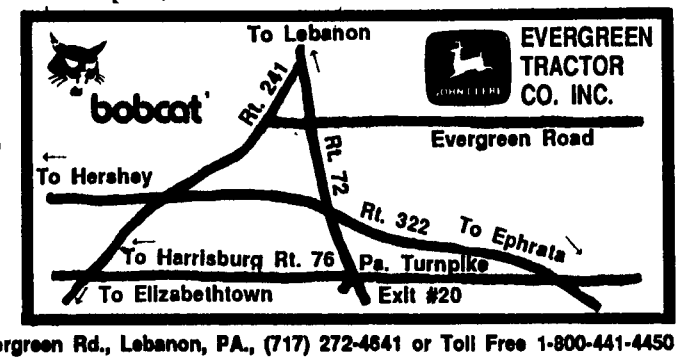

30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Philadelphia Fruit Market

Philadelphia, Pa.
Wednesday, December 4, 1991

GRAPEFRUIT STEADY FL 4/5 buctn Seedless Red 23s 9.00 27s 9.00-10.50 mos 9.50 32s 9.00-10.00 36s 9.00 40s 9-9.50 48s 8.50-9.00 56s 8-8.50 fair qual 27s 6-6.50 32s 6.00-7.00 36s 6.00 40-48s 6-6.50 occ 7.00 White 23s 6.50 27-36s 7.00 fair qual 23-48s 5.00 Indian River Red 27s 10.50 32s 8.50-10.00 few 10.50 36-40s 10.00-10.50 48s 10.00-10.50 56s 9.00-10.00 fair qual 32-48s 8.00 White 23s 9.00 48s 6-6.50 Star Ruby 18-27s 11.50 32s 11.00 36-40s 10.50 48s 9.00 56s 8.50 fair qual 32-40s 8.50.

LEMONS AZ LOWER, OTHERS ABOUT STEADY CA ctn 140s 20.00 165s 15.00 200s 14.00 fair qual 115s 18.00 few hias 23.00 140s 17.00-17.50 165s 15.00-15.50 200s 13.00-13.50 235s 11.50 AZ ctn 115s 20.00 140s 17.00-20.00 mos 17.00-18.00 some 15.00 165s 14.00-17.00 some 18.00 200s 12.00-15.00 fair qual 140s 15.00-17.00 165s 13.00.

LIMES LOWER 10-lb ctn Persian Seedless type MEXICO 48s 3.00 54s 3.00 fair cond 1.50-2.00.

MISC CITRUS TOO FEW SALES TO QUOTE.

ORANGES CA FAIR QUAL LOWER, OTHERS STEADY FL 4/5 buctn Hamlin 64s 9.00-12.00 few 8.00 80s 9.00-11.00 mos 11.00 few 8.50 100s 9.00-10.50 some 7-7.50 fair appear 5.00-6.00 125s 8.00-9.50 mos 8-8.50 few 6-6.50 fair cond 64-125s 4.00-6.00 Navels 36s 12.00 40s 13.00 56s 14.00 64s 12.00-14.00 80s 10.00-14.00 mos 11.00-14.00 100s 9.00-10.00 Pinneapple 64-80s 8.50-9.00 100s 8.00 125s 7.50-8.00 CA ctn Navel 56s 19.00 72s 19.00-20.00 mos 19.00 88s 16.50-17.00 113s 13.00-13.50 few 12.00 138s 11.00-11.50 163s 10.50 fair qual 56s 15.00-16.50 72s 12.00-16.50 88s 12.00-14.50 113s 11.00-12.50 138s 8.00-10.50 mos 8.00-9.00 163s 7.00-9.50.

TANGELOS STEADY FL 4/5 bucrt Orlando 80s 11.00-12.00 one label 13.50 100s 9.00-10.00 one label 12.50 125s 8.00-9.50.

TANGERINES ABOUT STEADY FL 4/5 buctn & crt Sunburst 80s fair qual 20.00 100s 25.00 fair qual 17.00-18.00 120s 25.00-28.00 some 22.00 fair qual 17.00-18.00 150s 21.00- 24.00 mos 21.00 fair qual 13.00-18.50 180s 17.00-18.00 Dancy 80s 25.00 100s 16.00-17.00 120s 18.00-19.00 150s 13.00-17.00 few 18.00 CA 1/2 ctn Fair- child med 8.00 3-8 lb ctn med 10.00 MEXICO 4/5 bucrt Dancy 80s fair qual 13.00-14.00 100s fair appear 15.00-16.00 fair qual 10.00-11.00 150s 12.00- 16.00 176s 10.00 fair qual 8.00.

APPLES ABOUT STEADY REGULAR STORAGE ctn tray pack WA Red Delicious WAExFcy 64s 22.00-25.00 72s 22.00 one label 27.00 80s 22.00-23.00 88s 24.00-25.00 some 22.00 100s 20.00-21.00 mos 20.00 one label 22.00 113s one label 21.00 USExfcy 72s 21.00 80s 19.00-21.00 88s 19.00-21.00 mos 19.00 100s 17.00-19.00 113-125s 16.00-18.00 138s 16.00 US#1 Hail Grade 100s 16.00-17.00 Golden Delicious WAExFcy 88s 23.00 preferred labels 24.00-25.00 100s 20.00 113s 18.00-19.00 125s 18.00 USExfcy 64s one label 26.00 72s 22.00 88s 22.00 one label 26.00 100s 20.00-21.00 Granny Smith WAExFcy 88s fair cond 17.00 CA Granny Smith USExFcy 88s 23.00 100s 22.00 113s 18.50 1-lyr ctn Fuji 20s 10.00 NC Red Rome Comb USExFcy-USFcy 64-80s 12.00 ID IDExFCy Red Delicious 100s 20.00 ctn cell pack NO SALES REPORTED ctn 12-3 lb film bags 2-1/4" min NO SALES REPORTED.

APPLE-PEARS OFFERINGS INSUFFICIENT TO QUOTE.

AVOCADOS FL flat ctn various greenskin varieties 7s 6.00 CHILE 2-lyr flat Hass via air 60s 47.00.

BANANAS IMPORTS ctn 40-lb 10.50 fair qual 8.25-9.25 film wrpd 10.50 Institutional pack Petite 150s 12.00.

BLACKBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

BLUEBERRIES NO OFFERINGS.

CHERRIES NO OFFERINGS.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

FIGS OFFERINGS INSUFFICIENT TO QUOTE.

GRAPES-TABLE STEADY CA 23-lb lug Thompson Seedless fair cond 8.00-13.00 mos 8.00-10.00 Emperor 11.00-12.00 few 14.00 Ribier 13.00-15.00 Red Globe 19.00 Calmeria 10.00- 12.00 few 14.00 21-lb lug film bags Thompson Seedless 17.00-20.00 sml 11.00-12.00 Flame Seedless one label 18.50 fair appear 12.50-13.00 Ruby Seedless 14.00-16.00 few 12.50-13.00 Emperor 11.00 Ribier 12.00-13.00 mos 12.50-13.00 Red Globe 16.00-19.00 few 15.00 20-lb ctn wrpd Thompson Seed- less fair cond 13.00-15.00 ord cond 3.00-5.00 film bags Red Globe 19.00 18-lb wrpd Ruby Seedless 16.00 occ 15.50 Black Seedless 13.00-15.00 16-lb lug wrpd Thompson Seedless 16.00 some 15.00 Ruby Seedless 18.00-19.00 Italia 14.00-15.00 film bags Thompson Seedless fair cond 6.00-10.00 Flame Seedless 17.00-18.00.

KIWIFRUIT STEADY NEW ZEALAND 1-lyr flat 33s 7.75 36s 7.50 39s 7.75.

MANGOS OFFERINGS LIGHT BRAZIL flats ctn Tommy Atkins 12s 18.00.

NECTARINES NO OFFERINGS.

PAPAYAS TOO FEW SALES TO QUOTE.

PEACHES CHILE 2-lyr ctn fair qual & appear Florida King 50s & 60s 12.00-14.00.

PEARS STEADY OR 4/5 buctn wrpd US#1 Bosc 80-90s 29.00 100s 27.00 110s 25.00 120s 19.00 D'Anjou 100s 21.00 110s 20.00 120s 18.50 135s 15.00-18.50 ORFcy D'Anjou 180s few 12 00 WA 4/5 buctn wrpd D'Anjou WAExFcy 90s 24.00 100s 23.00 110s 22.00 120s 20.00 US#1 100s 21.00 110s 21.00 120s 19.00 135s 18.00 con- trolled atmosphere storage Bartlett US#1 90s 25.00 100s 22.00-24 00 120s 20.00-21.00 135s 19.00 CA 15-lb ctn Prickly type Red 15.00.

PERSIMMONS CA 1-lyr ctn Fuji 24-25s 8-8.50 28s 6.50-7.00 32s 6.00 Hachiya 16s 9.50-10.00 20-21s 8-8 50 24-25s 7-7.50 28s 7.00 32s 6-6.50.

PINEAPPLES HAWAII ctn via air 6s 12.00 COSTA RICA 2-lyr 7s 10 00 10-12s 13.00.

PLUMS TOO FEW SALES TO QUOTE.

POMEGRANATES CA 2-lyr lug 24s few 22.00 42s 12.00 few 13.00-14.00.

PRUNES NO OFFERINGS.

QUINCE OFFERINGS INSUFFICIENT TO QUOTE.

RASPBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

STRAWBERRIES ABOUT STEADY CA flats 12-1 pt bkt mos med 18.00-20.00 poor cond 1.00 FL Flats 12-1 pt bkts med 21.00-22.00.

CANTALOUPS ABOUT STEADY GUATEMALA 1/2 ctn 15s 14.00 18s 15.00 poor cond 9-18s 1.00-3.00.

HONEYDEWS LOWER MEXICO 2/3 ctn 5s 8.00-9.00 6s 8.00-9.00 fair cond 4.00 8s 8.00-9.00 mos 8.00 9-10s 7.00 GUATEMALA 2/3 ctn 5s 7.00-9.00 6s 8.00-9.00 ECUADOR 2/3 5- 8s 10.00.

MISC MELONS MEXICO 2/3 ctn Crenshaw 4s 7.00-8.00 GUATEMALA 2/3 ctn Mayan Sweet 5-6s 9.00-10.00.

WATERMELONS STEADY ctn per ctn FL Sangria 3s 12.00 4s 11.00.

Friend's Stockyard Inc.

Accident, Md. 21520
December 2, 1991

STOCK BULLS AND STEERS (200-500 LBS.) 70.00-90.00.

STOCK HEIFERS 60.00-72.00.

SLAUGHTER STEERS GOOD TO CHOICE 64.00-68.50; MEDIUM TO GOOD 60.00-63.50; HEAVY CHOICE OVER 1450 LBS. 60.00-63.00.

HOLSTEIN STEERS HEAVY 55.00-60.00; LIGHT 50.00-62.00.

SLAUGHTER HEIFERS GOOD TO CHOICE 64.00-67.00; MEDIUM TO GOOD 55.50-63.75.

BULLS HEAVY 55.00-61.50; LIGHT 52.00-58.50.

COWS FEW HIGH DRESSING 47.00-55.00; UTILITY HOLSTEIN 45.00-51.75, CANNERS 43.00-48.50, COMMERCIAL TO GOOD 41.00-46.50, CULL COWS 40.00 AND DOWN.

VEALS GOOD TO CHOICE 75.00-90.00, MEDIUM TO GOOD 66.00-74.00.

BOB CALVES 65.00 AND DOWN.

HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 120.00-164.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 120.00-170.00.

FEW INDIVIDUAL HOGS 40.00-44.50.

HOGS TOP QUALITY 31.50-39.00, HEAVY 37.00-38.25, LIGHT 35.00-37.00.

SOWS 30.00-37.00.

MALE HOGS: 23.00-25.00.

LAMBS: 41.00-45.00.

EGGS: LARGE .65-.72, MEDIUM .50-.60 AND SMALL .30-.38.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

You'll Get Consistent, Risk-Free Performance From New Funk's G® Brand Hybrids

4393 105 Days
4472 110 Days
4530 113 Days
4624 118 Days

New Funk's G brand hybrids deliver consistent performance even under the stress of heat, drought, marginal soils or disease pressures. So you'll get virtually risk-free performance in good years — and in bad years.

Backed by CIBA-GEIGY research

You see, these hybrids are backed by nine years of CIBA-GEIGY Seed Division research. With local testing in growing conditions just like yours. That kind of research produces hybrids capable of standing up to anything mother nature has to offer. Hybrids that maximize your profit potential, while minimizing your risks.

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Plus, you get performance across the board. With big yields. But with 95% or better standability... 25% or less moisture... and intactness ratings under four. And you get all that in the maturity groups you need to spread your risks even more.

Limit your risks

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Hoffman FARM SEEDS
CIBA-GEIGY Seed Division

Hoffman Seeds, Inc.
Landisville, PA 17538

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Mitch White
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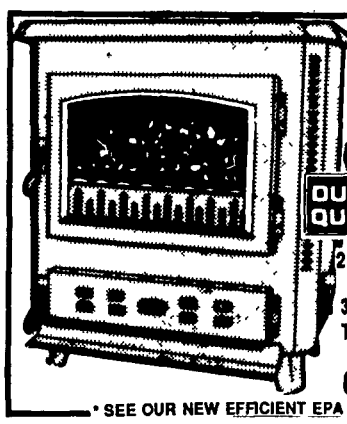

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3200	7	40 WATTS	400
3500	9	60 WATTS	600
3700	13	75 WATTS	900
3900	22	90 WATTS	1300

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Four States Livestock

Hagerstown, Md.
Wednesday, December 4, 1991
Report supplied by Auction

SLAUGHTER COWS: 136 HEAD, 1.00-2.00 LOWER UTILITY 46.00-48.00, HIGH DRESSING TO 50.25; CANNERS 42.00-46.00; SHELLY 42.00 DOWN.

BULLS: YG#2 1000-1900 LBS. 53.00-57.75.

FED STEERS: 1.00 LOWER. CHOICE 1200-1300 LBS. 67.00-68.25; SELECT TO LOW CHOICE 62.00-65.00; STANDARD 55.00-60.00.

FED HEIFERS: GOOD DEMAND. HIGH CHOICE 950-1100 LOBS. 64.00-67.25; LOW CHOICE 61.00-63.50; HOLSTEINS 51.00-57.00.

VEAL CALVES: CHOICE 180-300 LBS. 85.00-100.00; CULLS 85-110 LBS. 62.00-72.00; 50-80 LBS. 55.00-65.00; WEAK/ROUGH 50.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 20.00 LOWER. #1 95-125 LBS. 130.00-155.00; #2 100.00-130.00; 80-90 LBS. 75.00-115.00; HOLSTEIN HEIFERS #1 95-120 LBS. 125.00-147.00; FEW 130 LBS. TO 115.00; BEEF X BULLS 100-120 LBS. 130.00-167.00.

BUTCHER HOGS: US#1&2 215-260 LBS. 39.00-41.50; 260-280 LBS. 39.00-42.00; 290-350 LBS. 38.00-43.00.

SOWS: 300-500 LBS. 32.00-34.00; 500-700 LBS. 32.00-33.50.

BOARS: NONE.

STOCK CATTLE: 169 HEAD. STEERS 300-500 LBS. 79.00-86.00; HOLSTEINS 56.00-63.00; 500-600 LBS. 68.00-80.00; 600-800 LBS. 62.00-71.00; 800-1000 LBS. 60.00-68.50.

HEIFERS: 2.00-3.00 HIGHER. 300-500 LBS. 68.00-75.00; 500-700 LBS. 54.00-62.00.

BULLS: 400-600 LBS. 68.00-78.00.

DAIRY REPLACEMENTS: 12 HEAD. 1 LARGE FANCY SPRINGER 1235.00; MEDIUM TO LARGE 750.00-950.00; HOLSTEIN BULL 900 LBS. 675.00; RED/WH 985 LB. AT 56.50; HOLSTEIN HEIFERS FEW 300-500 LBS. 70.00-77.00.

LAMBS: 54 HEAD, PRICES HIGHER. CHOICE 100-115 LBS. 49.00-53.50; 60-95 LBS. 53.00-61.00; 120-140 LBS. 34 00-36.00.

SHEEP: 14.00-24.00.

GOATS: LARGE TO 69.00; MEDIUM 35.00-50.00.

PIGS AND SHOATS: 89 HEAD, 2.00-5.00 HIGHER. BY THE HEAD, 35-50 LBS. 27.00-32.00; BY THE POUND, 5.00-8.00 HIGHER. 90-120 LBS. 48.00-53.00.

SELLING NEXT WED., DEC. 11, 5 POT-BELLY PIGS, 2 MALES AND 3 FEMALES.

Frederick Livestock Auction

Frederick, Md.
Monday, December 2, 1991
Report Supplied by Auction

SLAUGHTER COWS: STEADY PRICES. UTILITY 47.00-50.00; LOW DRESSING 45 00-47.00; HIGH DRESSING TO 51.50; CANNERS 44.00-47.00; SHELLY 43.00 DOWN.

BULLS: YG#1 1880 LBS. TO 64.50; YG#2 1475 LBS. TO 54.25.

FED STEERS: 1 SELECT 1150 LBS. AT 59.00; STANDARD HOLSTEINS 50.00-53.00.

FED HEIFERS: HOLSTEINS 50.00-52.50.

VEAL CALVES: CHOICE 175 LB. TO 87.00; GOOD 200-350 LBS. 69.00-80.00; CULLS 85-110 LBS. 62.00-72.00; 50-80 LBS. 55.00-64.00; WEAK/ROUGH 50.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 10.00-12.00 HIGHER! #1 95-125 LBS. 140.00-163.00; #2 90-110 LBS. 110.00-135.00; 80-85 LBS. 65.00-110.00; HOLSTEIN HEIFERS 10.00 LOWER. #1 95-125 LBS. 125.00-150.00; 80-90 LBS. 70.00-95.00; BEEF X BULLS AND HEFIERS 80-120 LBS. 120.00-167.00.

BUTCHER HOGS: US#1&2 220-255 LBS. 38.75-39.00; 215-260 LBS. #1&3 37.50-38.50; 4 HEAD 275 LBS. AT 38.00; 3 HEAD 318 LBS. AT 33.00.

SOWS: FEW OFFERED. 1 330 LB. AT 34.50.

BOARS: NONE.

STOCK CATTLE: STEERS 1 565 LB. AT 79.50; FEW 890-950 LBS. HOLSTEIN 54.00-55.00.

HEIFERS: 1 400 LB. AT 74.00; 500-700 LBS. 58.00-69.00; 700-850 LB. 48.00-57.00.

BULLS: 300-500 LBS. 68.00-74.00; 500-700 LBS. 65.00-69.00; 3 HEREFORDS 885-955 LBS. 57.00-65.00.

LAMBS: GOOD TO CHOICE 90-110 LBS. 42.00-47.50; 80-85 LBS. 46.00-49.50; 125-130 LBS. 38.00-39.00; 33-50 LBS. 57.00-61.00.

SHEEP: YEARLINGS TO 29.00.

GOATS: 1 LARGE BILLY AT 73.00.

PIGS AND SHOATS: BY THE HEAD, SMALL 19.00-27.00; BY THE POUND, 8 HEAD 117 LBS. AT 41.00; 2 HEAD 143 LBS. AT 34.00.

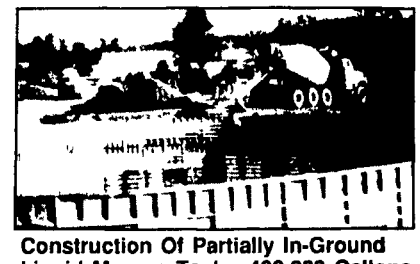
PROMISED FOR MON., DEC. 9, 10 GRAIN FED HEREFORD STEERS 1000-1100 LBS. SIRE POWER WILL BE BUYING STRONG OPEN COWS ON MON., DEC. 9, AT FREDERICK LIVESTOCK AUCTION.

The Future Market Prices Are Not Available This Week Because Of Satellite Failure. Hopefully Parts Will Arrive From Nebraska In Time For Publication Next Week.

POURED SOLID CONCRETE STORAGE SYSTEMS

17 Years Experience In Pouring Concrete Manure Pits!

Far Left: 1-Million Gallon Circular Manure Storage Tank
Far Right: 2 Silage Pits
In-Barn Manure Receiving Pit



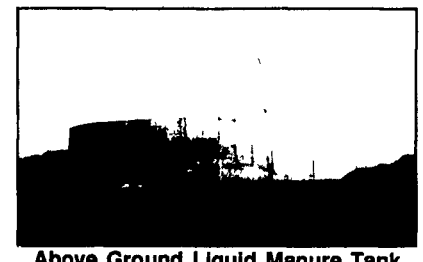
Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons

CONCRETE PUMPING SERVICE AVAILABLE

Mixer And Boom Trucks

92' Boom Placing Concrete

300' Long Manure Pit For Hog Confinement



Above Ground Liquid Manure Tank 425,000 Gallons

Placing Concrete On Site

Take the questions out of your new construction. Call Balmer Bros. for quality engineered walls.

All sizes available round or rectangular

Invest in Quality - It will last a lifetime.

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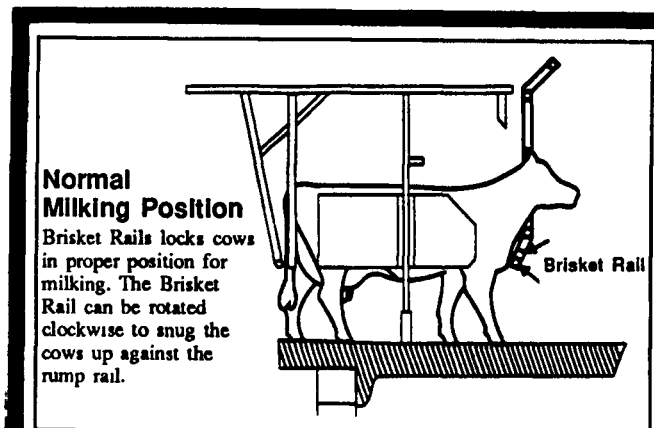
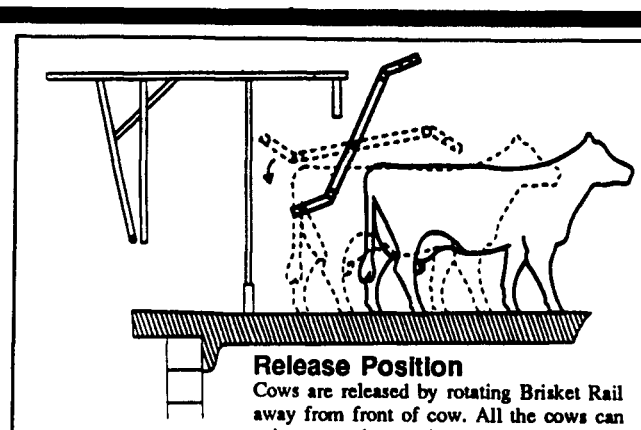
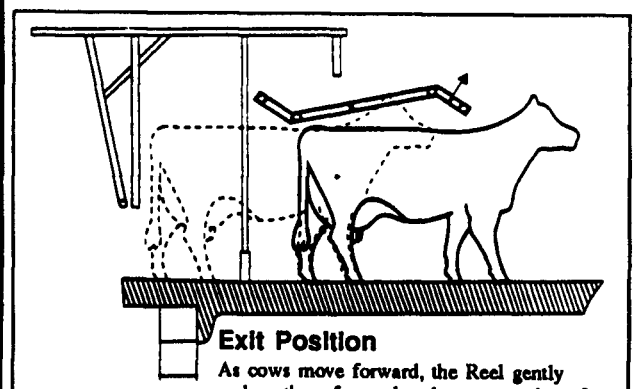


Normal Milking Position
Brisket Rails locks cows in proper position for milking. The Brisket Rail can be rotated clockwise to snug the cows up against the rump rail.



Release Position
Cows are released by rotating Brisket Rail away from front of cow. All the cows can exit at once by moving straight forward.



Exit Position
As cows move forward, the Reel gently nudges them forward and separates them from the next string of cows to be milked.

FastLane® Parallel Milking Parlor

From Bou-Matic® featuring
Reel-Time Rapid Exit
A true leading edge Rapid Exit Milking Parlor

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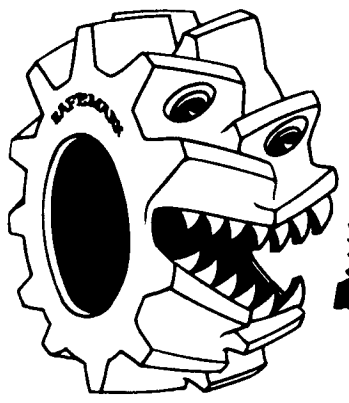


How to get more bite for your buck.

SAFEMARK

QUALITY • SERVICE •DEPENDABILITY • ECONOMY

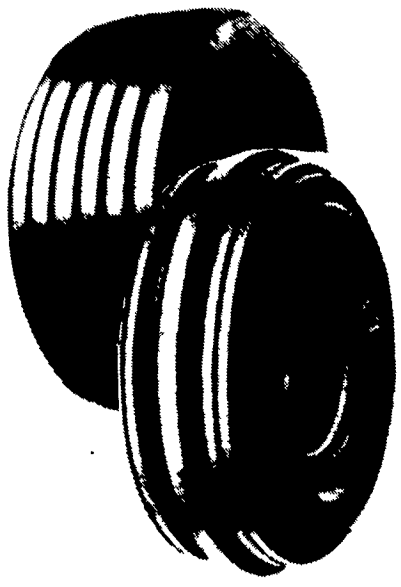
FARM UTILITY TIRE

Strong, Long Wearing

$42.00

9.5L-14 6 Ply

SIZE	PLY	SALE PRICE
9.5Lx15 TT	8 Ply	$45.00
11Lx14 TT	6 Ply	$50.00
11Lx14 TT	8 Ply	$53.00
11Lx15 TT	8 Ply	$46.00
12.5Lx15 TT	10 Ply	$71.00
12.5Lx16 TT	14 Ply	$83.00



ENDS 12/31/91

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Premium Three-Rib Front Tractor Tire

$31.00 500x15 Tubetype 4 Ply

SIZE	PLY	SALE PRICE
600x16 Tube Type	6 Ply	$44.00
750x16 Tube Type	6 Ply	$62.00
1000x16 Tube Type	8 Ply	$98.00
1100x16 Tube Type	8 Ply	$119.00

MULTI-ANGLE MB

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction.
- Designed for improved stability and roadability, plus reduced vibration.
- Strong angle-braced lugs have self-cleaning design.
- High-strength polyester cord body and heavy duty rim shield help protect tire from damage.

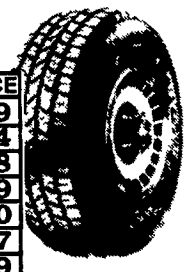
SIZE AND DESCRIPTION	SALE PRICE
11.2-24 Tube Type 4 Ply	$139.00
12.4-28 Tube Type 4 Ply	$171.00
15.5-38 Tube Type 6 Ply	$296.00
18.4-34 Tube Type 6 Ply	$379.00
18.4-38 Tube Type 6 Ply	$419.00
20.8-38 Tube Type 8 Ply	$599.00

SAFEMARK STEP UP TO QUALITY

SUPER SPORT AP RADIAL

- Excellent Off-Road Traction And Lug, Even Wear On The Highway
- Two Steer Belts For Strength And Stability
- Smooth Riding Polyester Radial Cord Plugs
- Wide, Flat Footprint Gives Positive Traction In All Positions

SIZE	PLY	PRICE
P20575 R14	SL	$49
P21575 R15	SL	$54
P23575 R15	SL	$58
LT23575 R15	C	$79
31x1050 R15	B	$90
LT21585 R16	D	$77
LT22575 R16	D	$79
LT23585 R16	E	$95
LT24575 R16	E	$98



ECONOMY RADIAL

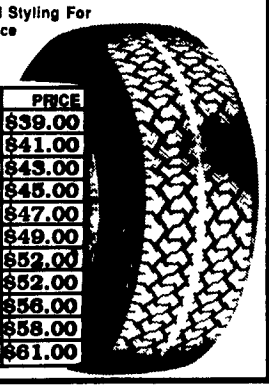
- All-Season Tread Design Fights Hydroplaning
- Double Steel Belts Protect Against Bruises And Punctures
- Distinctive Outline Black Lettering

WHITEWALL SIZE	PRICE
P15580R13	$29.00
P16580R13	$32.00
P17580R13	$34.00
P18580R13	$35.00
P18575R14	$37.00
P19575R14	$38.00
P20575R14	$40.00
P21575R14	$43.00
P20575R15	$41.00
P21575R15	$44.00
P22575R15	$46.00
P22575R15	$48.00

SBR IV

- Two Tough Steel Belts For Puncture Resistance
- Polyester Cord Plies For Smooth Ride
- Distinctive Sidewall Styling For Premium Appearance

WHITEWALL SIZE	PRICE
P15580R13	$39.00
P16580R13	$41.00
P17580R13	$43.00
P18580R13	$45.00
P18575R14	$47.00
P19575R14	$49.00
P20575R14	$52.00
P20575R15	$52.00
P21575R15	$56.00
P22575R15	$58.00
P23575R15	$61.00



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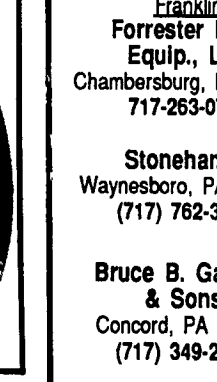
- "SR" Speed Rated For Quality And Integrity
- M+S Rated For All Season Traction
- High Traction, High Mileage Tread Compound

OUTLINE WHITE LETTER SIZE	PRICE
P17570R13	$55.00
P18570R13	$56.00
P18570R14	$59.00
P19570R14	$62.00
P20570R14	$65.00
P21570R14	$69.00
P22570R14	$72.00
P21565R14	$68.00
P21565R15	$75.00
P19560R15	$62.00



- Dependable performance in all weather conditions
- Unique billboard vent appearance

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$47.00

5-26 515 AMPS

- Higher cranking than conventional batteries
- Sizes to fit most domestic and import cars and light trucks

FARM TRACTOR BATTERY

$66.00

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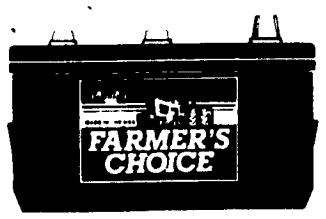

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Pork Report
December 4, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH PORK LOINS MOSTLY STEADY; BUTTS STEADY TO 4.00 HIGHER; SKND. HAMS 17-20 LBS. 3.00 HIGHER IN LIGHT TEST, 20-26 LBS. STEADY TO 4.00 LOWER; SDLS. BELLIES GENERALLY WEAK. MOVEMENT SLOW TO MODERATE, WITH LIGHT TO MODERATE DEMAND AND MOSTLY MODERATE SUPPLIES.

82.0 LOADS PORK CUTS
36.5 LOADS TRIM/PROCESS PORK

PORK CUTS

LOINS, REG., FRESH

14-18 LBS., * 8.0 LOADS, RANGE 94.00-99.00, WGHTD. AVG. 95.63.

¼" TRIM 14-18 LBS., 8.0 LOADS, RANGE 110.00-117.00, WGHTD. AVG. 114.75.

18-22 LBS., * RANGE 94.00, WGHTD. AVG. 94.00 D.

¼" TRIM 18-22 LBS., RANGE 116.00, WGHTD. AVG. 116.00 D.

COMBOS 22 LBS. AND UP, RANGE 65.00, WGHTD. AVG. 65.00 D.

LOIN,BLS CTRCT

5-7 LBS., 1.0 LOADS, RANGE 222.00, WGHTD. AVG. 222.00.

BNLS SIRLOIN .75-1 LB.

0.5 LOADS, RANGE 129.00, WGHTD. AVG. 129.00.

TENDERLOIN 1.25 AND DOWN

RANGE 317.00-369.00, WGHTD. AVG. 343.00 E.

BOSTON BUTT

4-8 LBS. *, 4.0 LOADS, RANGE 64.00-68.00, WGHTD. AVG. 67.00.

¼" TRIM 4-8 LBS., 4.0 LOADS, RANGE 80.00-86.00, WGHTD. AVG. 84.50.

COMBOS 8/UP LBS., RANGE 53.00, WGHTD. AVG. 53.00 E.

SPARERIBS, FRESH

1.5-3.5 LBS., 2.5 LOADS, RANGE 93.00-96.00, WGHTD. AVG. 94.40.

3.5-5.5 LBS., 1.0 LOADS, RANGE 70.00, WGHTD. AVG. 70.00.

5.5 LBS. AND UP, RANGE 46.00, WGHTD. AVG. 46.00 E.

LOIN BACKKRIB (BOXED) FRSH/FRZN

1.75 AND DOWN LBS., RANGE 203.00, WGHTD. AVG. 203.00 D.

1.75-2.00 LBS., RANGE 170.00, WGHTD. AVG. 170.00 D.

LOIN BACKRIB (COMBOS) FRSH/FRZN

1.75/DN LBS., RANGE 203.00, WGHTD. AVG. 203.00D.

1.75-2.00 LBS., RANGE 170.00, WGHTD. AVG. 170.00 D.

HAM, SKINNED, SELECTED

FRESH 14-17 LBS., RANGE 84.00, WGHTD. AVG. 84.00 B.

FRESH 17-20 LBS., 2.0 LOADS, RANGE 86.00, WGHTD. AVG. 86.00.

FRESH 20-26 LBS., 12.0 LOADS, RANGE 76.00-80.00, WGHTD. AVG. 77.00.

HAM, SKINNED, COMMODITY

FRESH 14-17 LBS., UNQUOTED.

FRESH 17-20 LBS., RANGE 79.00, WGHTD. AVG. 79.00 A.

FRESH 20-26 LBS., 6 LOADS, RANGE 70.00-72.00, WGHTD. AVG. 70.33.

FRESH 26-32 LBS., 1.0 LOADS, RANGE 52.00-56.00, WGHTD. AVG. 54.00.

FRESH 32 LBS. AND UP, 1.0 LOADS, RANGE 52.00-56.00, WGHTD. AVG. 54.00.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., 2.0 LOADS, RANGE 25.00, WGHTD. AVG. 25.00.

FRESH 12-14 LBS., 7.0 LOADS, RANGE 27.00-28.75, WGHTD. AVG. 28.18.

FRESH 14-16 LBS., 13.0 LOADS, RANGE 26.50-28.75, WGHTD. AVG. 27.75.

FRESH 16-18 LBS., 13.0 LOADS, RANGE 25.00-26.25, WGHTD. AVG. 25.33.

FRESH 18-20 LBS., 3.0 LOADS, RANGE 21.00-22.00, WGHTD. AVG. 21.33.

FRESH 20-25 LBS., 5.0 LOADS, RANGE 15.50-18.00, WGHTD. AVG. 17.50.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 5.5 LOADS, RANGE 13.00, WGHTD. AVG. 13.00.

BOXED 42% FROZEN, 1.0 LOADS, RANGE 17.00, WGHTD. AVG. 17.00.

COMBO 72% FRESH, 16.0 LOADS, RANGE 43.00-44.50, WGHTD. AVG. 43.94.

BOXED 72% FROZEN, 1.0 LOADS, RANGE 49.00, WGHTD. AVG. 49.00.

PICNIC CUSHION MEAT

COMBO 92% FRESH, RANGE 129.00, WGHTD. AVG. 129.00 E.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 11.0 LOADS, RANGE 50.50-52.00, WGHTD. AVG. 51.14.

BOXED 72% FROZEN, RANGE 57.00, WGHTD. AVG. 57.00 B.

SKINNED JOWLS

COMBO FRESH, 2.0 LOADS, RANGE 11.00, WGHTD. AVG. 11.00.

BOXED FROZEN, RANGE 16.00, WGHTD. AVG. 16.00 B.

NOTE! (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NOT TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT TUES., DEC. 4

ESTIMATED GROSS CUTOUT VALUE OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. TUESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 62.11, CHANGE FROM TUES. 1.01; US#2 59.88, CHANGE FROM TUES. 0.94; US#3 57.65, CHANGE FROM TUES. 0.87; US#4 55.42, CHANGE FROM TUES. 0.81.

TODAY'S CALCULATIONS FOR US #2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OF CARCASS, 86.00 FOB VALUE, CHANGE FROM TUES. 4.00; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 110.00 FOB VALUE.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 28.75 FOB VALUE, -0.25 CHANGE FROM TUES.; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 94.50 FOB VALUE, CHANGE FROM TUES. 1.00.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 34.75 FOB VALUE, CHANGE FROM TUES. 1.50; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 83.75 FOB VALUE, CHANGE FROM TUES. 0.75.

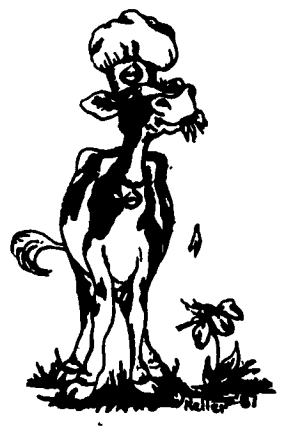
JOWL, 2.85% OF CARCASS, 11.00 FOB VALUE, CHANGE FROM TUES. -1.00; NECKBONES, 1.52% OF CARCASS, 13.00 FOB VALUE.

FEET, 1.05% OF CARCASS, 15.00 FOB VALUE; TAILS, 0.22% OF CARCASS, FOB VALUE 25.00.

TRIM 72%, 2.19% OF CARCASS, 44.00 FOB VALUE, CHANGE FROM TUES. -1.00; LARD, 10.85% OF CARCASS, 11.50 FOB VALUE, CHANGE FROM TUES. -0.50.

TOTAL CARCASS 94.51%. US#2 CARCASS VALUE PER CWT. 59.88.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.



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Do you wish to learn more about the ARIS program, or receive additional ARIS training? Are you a new ARIS user who would like to have help setting up the program? If you are interested in training at any level, please call to register for a workshop this winter. Arrangements can be made to meet in a group or on an individual basis at the Service Center in State College. Or, you can go register for a regional workshop nearest you. Watch FOCUS for more information about the regional workshops so you can take advantage of these very helpful and educational training sessions.

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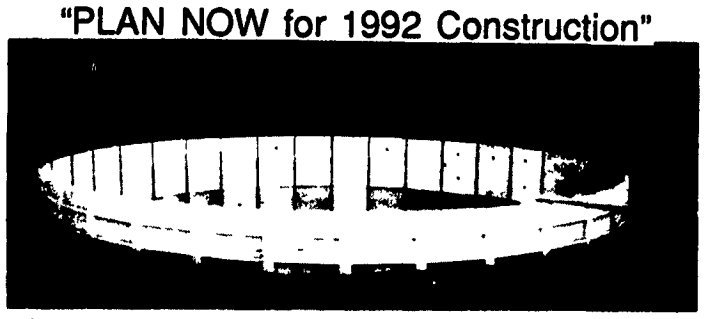

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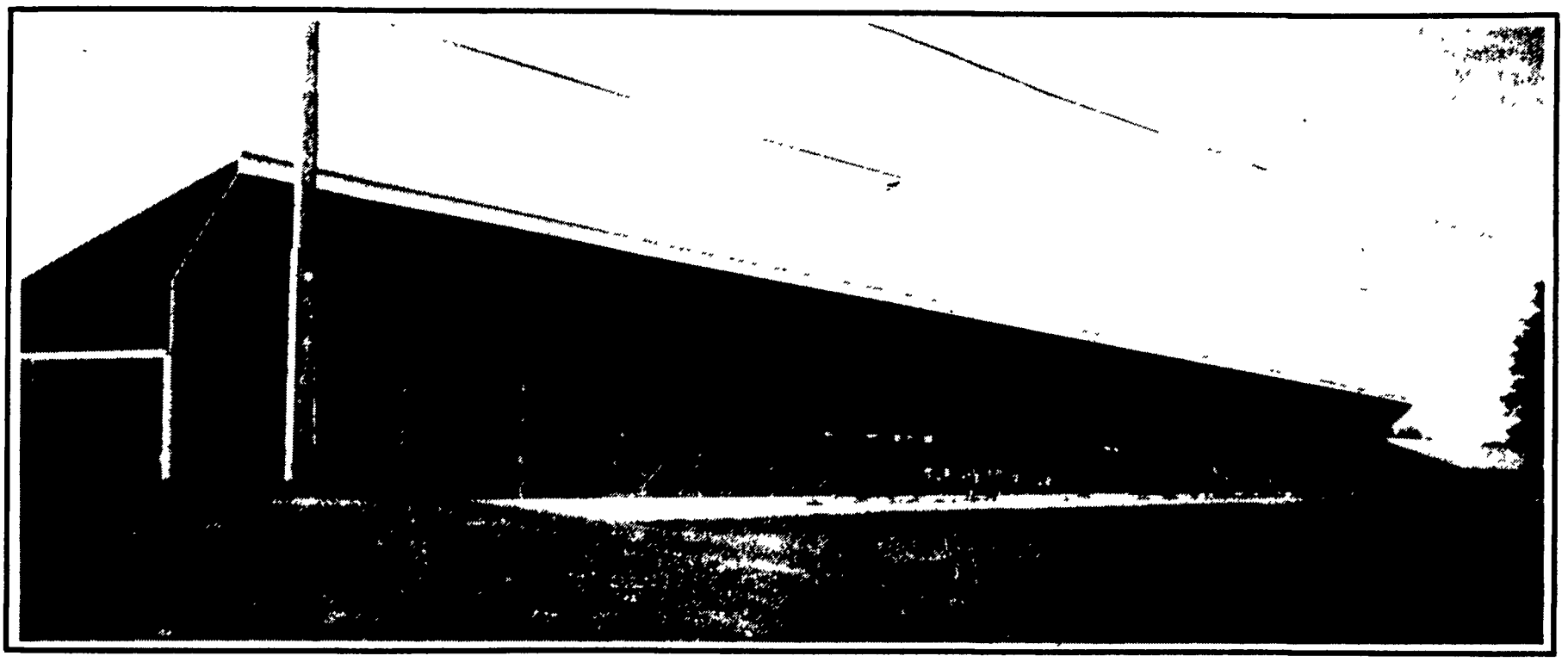

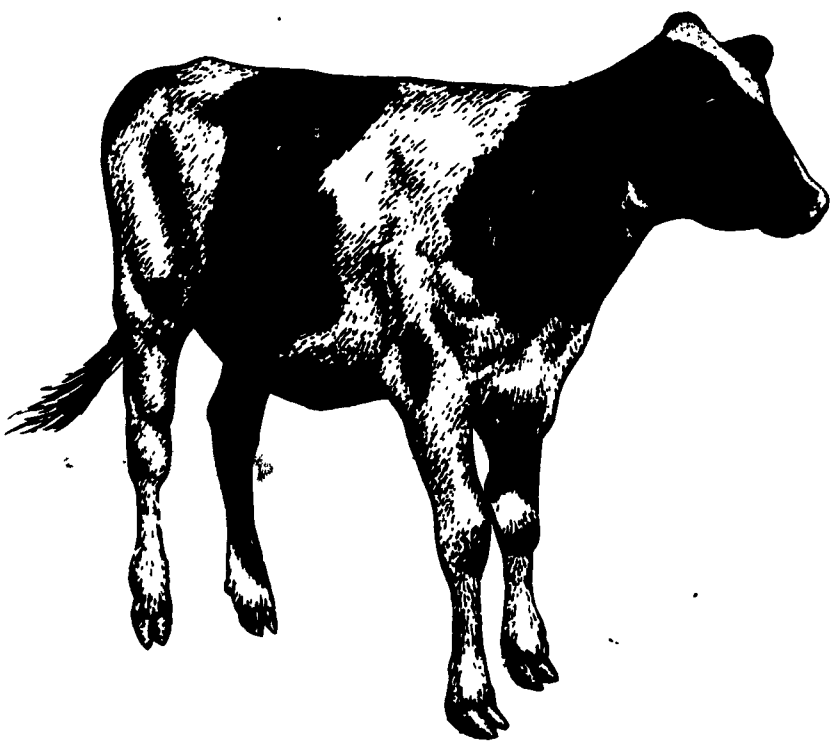

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Estimated Daily Livestock Slaughter

Under Federal Inspection
December 4, 1991

	CATTLE	CALVES	HOGS	SHEEP
WED., 12/04/91 (EST)	113,000	6,000	355,000	23,000
WEEK AGO (EST)	126,000	6,000	356,000	22,000
YEAR AGO (ACT)	120,000	7,000	332,000	23,000
WEEK TO DATE (EST)	335,000	19,000	1,052,000	68,000
SAME PD LT WK (EST)	370,000	17,000	1,040,000	64,000
SAME PD LT YR (ACT)	335,000	21,000	910,000	64,000

Central U.S. Carlot

Beef Report
December 4, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3 P.M. COMPARED TO TUESDAY'S 3 P.M. REPORT: BREAKING UTILITY AND CARCASSES 1.00-2.00 LOWER; BONING UTILITY STEADY TO 1.00 LOWER; CUTTER AND BULL CARCASSES NOT TESTED. DEMAND AND OFFERINGS LIGHT TO MODERATE.

COW & BULL CARCASSES
FOB OMAHA BASIS
13 LOADS REPORTED

UTBRK 2-4, 5 LOADS, RANGE 81.00-82.00, LATEST ESTB. MKT. 81.00-82.00.

UT,BNG 1-3, 400 AND UP, 8 LOADS, RANGE 84.00-85.00, LATEST ESTB. MKT. 84.00-85.00.

CUTTER 1-2 350 AND UP, LATEST ESTB. MKT. 93.50 A.

BULLS 500/UP YG1, LATEST ESTB. MKT. 101.00-103.00 A.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
143 LOADS REPORTED

FRESH 90% BONELESS BEEF STEADY TO 2.00 HIGHER IN MIDWEST, BUT 1.00-2.00 LOWER IN TEXAS; OTHER TYPES NOT TESTED. DEMAND AND OFFERINGS MODERATE. BEEF TRIMMINGS LOWER ON MODERATE DEMAND AND OFFERINGS.

FOB OMAHA BASIS

90%FR, 18 LOADS, RANGE 132.5-135.0, WT. AVG. 134.14.

90%FZ, UNQUOTED.

85%FR, RANGE 125.0, WT. AVG. 125.00 E.

85%FZ, 75%FR, 75%FZ, UNQUOTED.

65%FR, RANGE 72.0, WT. AVG. 72.00 A.

65%FZ, UNQUOTED.

50%FR, 85 LOADS, RANGE 39.00-41.00, WT. AVG. 40.28.

50%FZ, 12 LOADS, RANGE 45.00, WT. AVG. 45.00.

50%BX, 2 LOADS, RANGE 42.50-43.00, WT. AVG. 42.57.

BULL 92-94, RANGE 146.0, WT. AVG. 146.00 A.

FOB E. TX AND OK

90%FR, 21 LOADS, RANGE 133.0-134.0, WT. AVG. 133.24.

90%FZ, 3 LOADS, RANGE 135.5, WT. AVG. 135.50.

85%FR, 85%FZ, UNQUOTED.

75%FR, 2 LOADS, RANGE 94.5.

75%FZ, 65%FR, 65%FZ, BULL 92-94, UNQUOTED.

CAF NORTHEAST AREAS

90%FR, RANGE 134.0, WT. AVG. 134.00 D.

90%FZ, UNQUOTED.

85%FR, RANGE 125.0, WT. AVG. 125.00 D.

85%FZ, 75%FR, 75%FZ, 65%FR AND 65%FZ UNQUOTED.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NOT TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITONS.

Grantsville Livestock

Grantsville, Maryland
Sat., November 30, 1991

HOGS: TOP BARROWS & GILTS 36.00-38.50; HEAVY BUTCHER 35.00-40.00; LIGHT BUTCHER 34.00-38.00; BUTCHER SOWS 30.00-35.00; FEEDER SHOATS 10.00-28.50.

VEAL: GOOD 85.00-125.00; STANDARD 70.00-80.00; UTILITY 50.00-60.00; BULL CALVES 105.00-162.50.

SHEEP & LAMBS: CHOICE A FEW TO 50.00; GOOD 41.00-42.00; UTILITY 38.00-40.00; SLAUGHTER EWES 12.00-18.00.

GOATS: 25.00-60.00.

SLAUGHTER CATTLE: STEERS AND HEIFERS, NONE AVAIL.

COWS: COMMERCIAL 43.50-51.00; UTILITY 41.00-42.00; CANNER & CUTTER 40.00 TO DOWN.

BULLS: COMM. & GOOD 54.00-59.00; CUTTER & UTILITY 48.00-50.00.

STOCK-FEEDER CATTLE: GOOD 70.00-75.00; MEDIUM 60.00-65.00.

STEER CALVES: GOOD 75.00-85.00; MEDIUM 65.00-70.00.

HEIFER CALVES: GOOD 65.00-75.00; MEDIUM 50.00-60.00.

EGGS: LARGE 65.00-80.00; MEDIUM 50.00-60.00.

Valley Stockyards

Athens, Pa.
Monday, December 2, 1991
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 160.00.

VEAL CALVES NO TOP VEALS.

VEALER BULL CALVES 125.00-150.00, FEW TO 165.00.

SLAUGHTER CALVES 75.00 AND DOWN.

GRASSERS & FEEDERS 38.00-65.00.

LAMBS NEW CROP TO 120.00.

WOOLED LAMBS TO 49.00.

SHEEP 12.00-24.00.

HOGS 200-250 LBS. 38.00-44.00.

SOWS 24.00-28.00.

BOARS TO 23.00.

PIGS EACH 14.00-27.00.

HEIFERS 45.00-53.00.

MEDIUM STEERS 46.00-54.00.

FEEDER STEERS 52.00-78.00.

BULLS 46.00-60.25.

GOOD COWS 45.00-49.00, FEW 50.00-51.00.

COWS MEDIUM 40.00-45.00.

COWS POOR OR SMALL 40.00 AND DOWN.

CATTLE AND CALF MARKETS STEADY; EVERYTHING ABOUT STEADY WITH LAST WEEK.

GOATS TO 55.00.

Red Poll Show

LOUISVILLE, Ky. — This year marks the 12th appearance of the Red Poll Show at the North American International Livestock Exposition.

Each exhibitor of Red Poll cattle is required to show it in its natural conformation and structure without alteration or modification.

Red Polls are divided into bull and female classes, and shown youngest to oldest. Each class is made up of no more than 12 head.

"Judges look for femininity and high gainability," said Mike Johnson of the American Red Poll Association and superintendent of the show.

"I raise Red Polls because they are easy to get along with and the milk is good. Red Polls were also my 4-H project some 37 years ago," said Gerald Glaub, one of the 106 competitors.

Red Poll, an English breed, has been used for generations on small farms for both milk and meat. However, they have been used only for meat since 1959.

"Red Polls have a very docile temperament because they are raised on small farms," said Johnson.

Red Polls are a special breed. They produce anywhere from 6,000-12,000 pounds of milk, which is 50 percent higher than the average beef breed.

In recent years, Red Polls have increased in numbers because of their appeal to businessmen and other part-time farmers. Red Polls have small birth weight and high weaning weight.

The investment in purebred Red Polls is considerably less than in other English breeds, and represents an opportunity for profit on the commercial level, according to Johnson.

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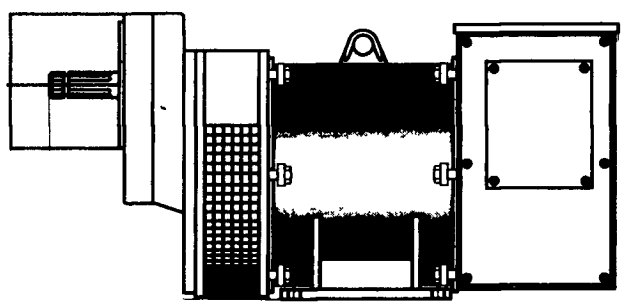

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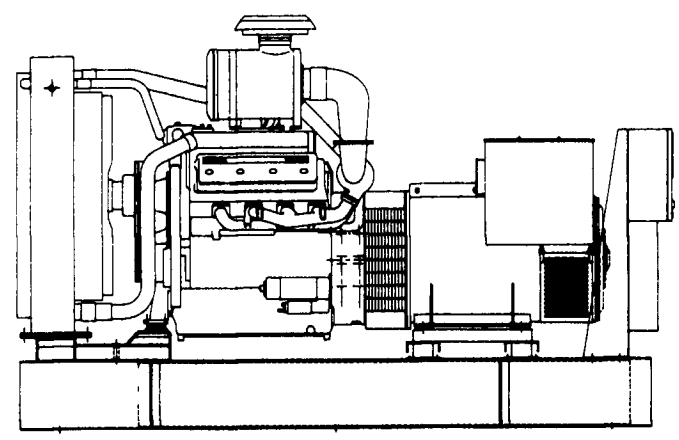

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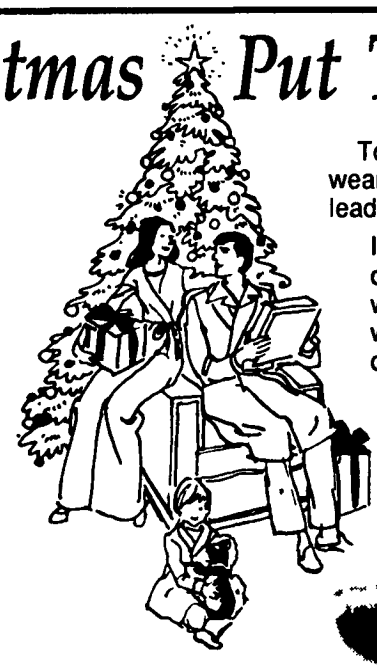

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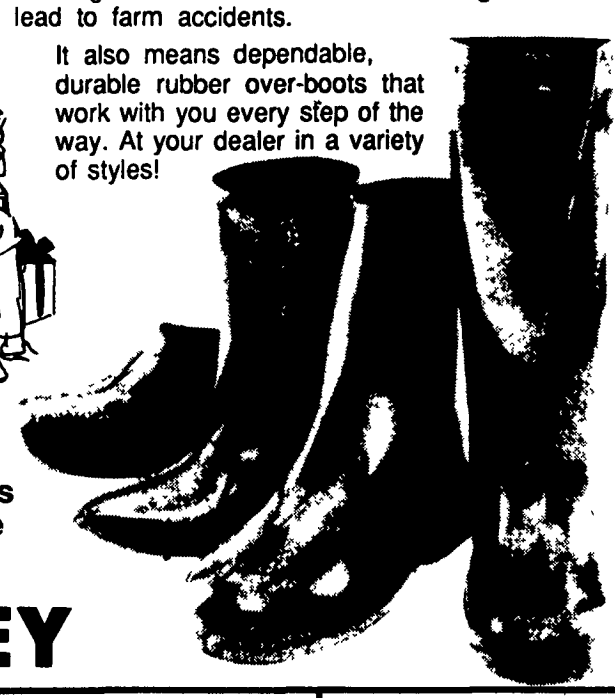

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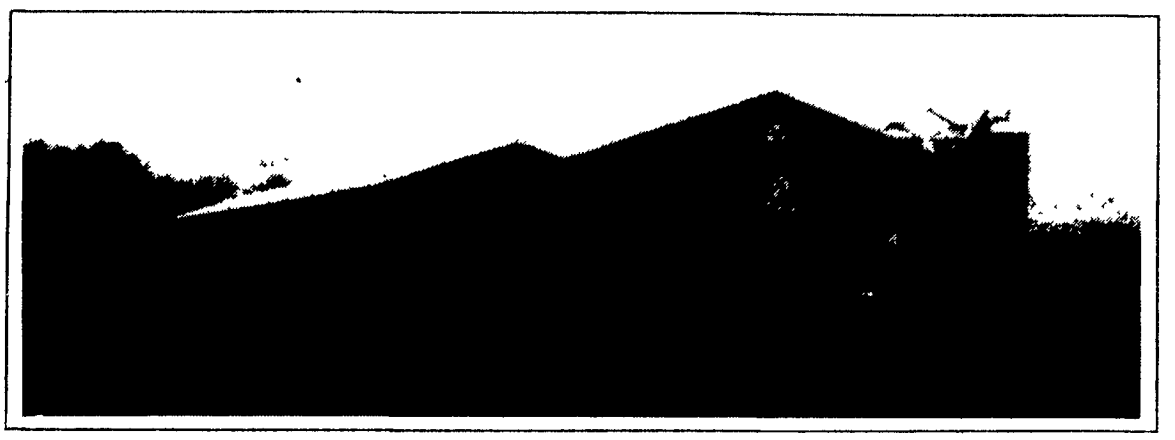

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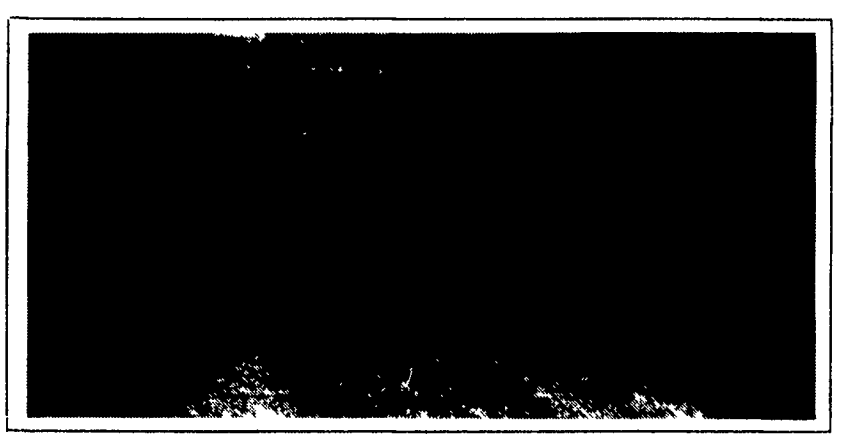

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Hunsinger Farm

(Continued from Page A1)

stanchions and Hunsinger had to milk 45 cows in there. Also, the cows used to be pastured most of the time, and were brought into the barn only for milking.

With upgrading the barn to handle 60 cows, with 50 milking at any one time, Hunsinger now keeps the cows inside most of the winter, except for exercise, and most of the summer. He lets them out to pasture during summer nights when it's cool enough.

He said the change in how he stanchions his cows has dramatically changed his feeding of them.

Now he knows better what's going into the cows than he did when they were on pasture. Silos were added to make more corn silage and haylage, he said.

"I feed all by hand, four times a day. They get haylage, corn silage and a soft feed in a complete ration. I'd been considering TMR (total mixed rations), but I haven't gone that route yet. Milk prices, with what they are, I'm kind of strapped with what I've got right now."

Keeping the cows in the barn longer also adds to their protection, Hunsinger said. A lot of cow injuries were happening with so much of their time free roaming the pasture.

The change in feeding and herding the cattle has resulted in an increase in milk and milk component production — milk went up by an average 3,557 pounds, fat went up 150 pounds and protein increased by 114 pounds.

Hunsinger's rolling herd average last month was 18,286 pounds of milk. "Our protein isn't great, we get credit for about 3 percent (he ships to Eastern Cooperative), the DHIA report is around 3.6 (percent protein)," he said.

"Protein is something I never concentrated on in the past. I think it's genetic. I am concentrating on it now," he said.

However, Hunsinger isn't seeking high rolling herd averages. "I don't think we 'push' our cows at all. I like my cows. I'd rather have a cow 10 years making 18 to 20 thousand pounds rather than have one make 28 thousand for two years," he said.

According to the rating system by which the awards are presented, Hunsinger received 40 points for the milk increase, 20 points for the fat increase and 15 points for the protein increase. Out of a possible 80 points, he received 75 points.

The program also awards points for the average peak milk production during a lactation, on a basis of pounds per day. Hunsinger got 8 points for having his herd show an average peak of 75.8 pounds. Hunsinger's cows also held their peak production an average 51 days. Higher points awarded to fewer average peak days.

Again, Hunsinger was not the top in any catagory. The fifth place operation for herd management, Silverado R Holstein, in Brookville, showed a higher increase in rolling milk production with 7,005 pounds per cow.

The top in the number of fat pounds increased, out of the top five herds, was 183 pounds per animal, which was realized by third place managed herd owned by W.A. Hall and K.M. Horst of Shippensburg.

There are others, farther down the list of outstanding herds, who have herds with higher values.

Somatic cell count linear score showed a 13-percent improvement for Hunsinger. He said the main contributing factor was probably keeping the cows out of the pasture and especially away from a pond in the pasture. He said that, as cows are wont to do, the milking herd would walk into the pond during the heat of summer and within a couple of days, somatic cell reading would start to rise.

The pond has since been fenced off and the heifers use the pasture, mostly.

Hunsinger said he doesn't predip, but he does post-dip. He beds with kiln-dried sawdust, which has been recently rated by experts as about middle to above middle as a bedding choice for mastitis control.

His somatic cell counts have

From the left, D. Byron Hunsinger and family stand with some of their favorite Holsteins. Son Leslie hold the halter of one heifer, while son Brandon and Pat stand with a cow.

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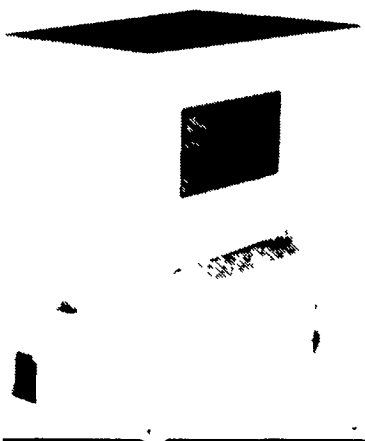

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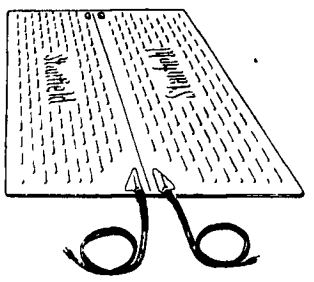

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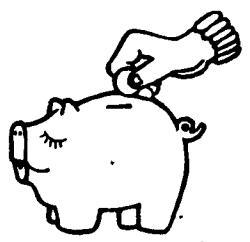

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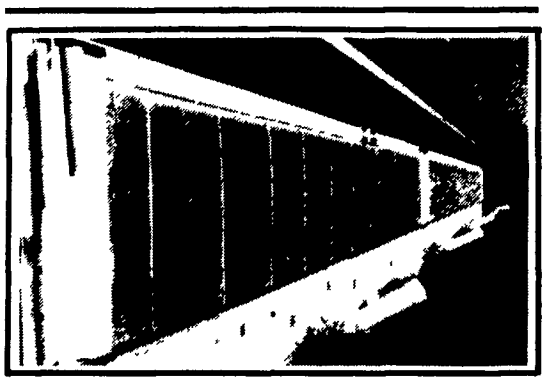

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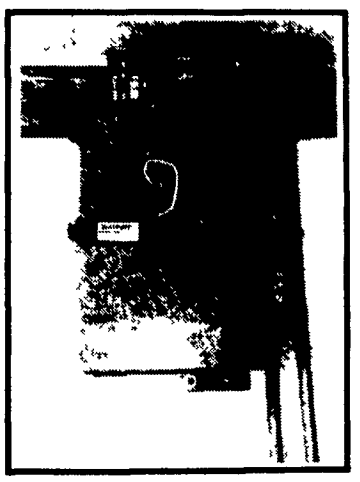

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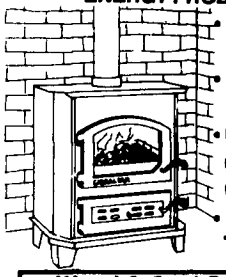

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been fanstatic, by any standard. He said he had been running at 67,000, finished up in September with 108,000, but has been as low as 51,000.

"I was third in the county this last year," Hunsinger said, but added that he can't pinpoint what he is doing, exactly, that is keeping it down.

"To put my finger on one thing . . . we don't know. I dry treat everything. I post dip. Problem cows don't stay here too long. I try to keep cows as clean as possible," he said.

He said he gets his wood shavings from a wood working shop in Montrose.

Other aspects of herd management that Hunsinger said he focuses on includes the number of days a cow stays "open," or not pregnant. "The days open, I really stay on that. the longer they stand there not milking, the more it costs me." His average days open was 112, good enough for the full five points.

He does most all of the breeding, raising almost all of his replacements. His average services per pregnancy is 2.3, which is good enough to earn a point.

"I do a fairly decent job with heifers, most freshen at 2 years or thereafter," he said, noting that while the recommendations are to freshen heifers at 24 months, and his average is 27 months, he has a reason for the relatively late average age at first calving.

"I like my heifers to freshen in the fall. I have more time to spend with them, and I think it's a little easier on them in colder weather, there are no flies, parasites," he said.

There are other things that could be changed at the Hunsinger farm, but he said he won't change things unless it adds to the overall operation.

There could be some future change in operation, depending on how committed the governors are who signed the pact to save the Delaware River Bay. Hunsinger said he is waiting for some cost-sharing funds, similar to the Chesapeake Bay program, to put in a manure collection system.

Currently he spreads manure every day with a conventional spreader. "That's something that's going to change in the future," he said. "We had that in mind. When we built the barn, we were figuring on building a lagoon," he said.

But other than that, Hunsinger said he has no real major changes in direction planned for the farm.

"At this point, I have no changes planned," he said. "I can't see getting any bigger. I'm more or less happy where I am. The only thing, is if my sons decide to stay, then some years down the road, we're going to have to expand. Other than that, I'm content, though I would like to build a heifer facility here at home."

Home is the 300-acre farm, located in the hilly, northeastern corner of Susquehanna County. Most of the farm acreage is woodland, with about 115 acres tillable. Hunsinger rents fields on two other farms to grow mostly corn.

With his wife Pat, sons Leslie, 12, and Brandon, 10, helping out with whatever chores they can, his father Dewey Sr. doing the majority of the feeding, the family farm operates well, he said.

In fact, it is a century farm that dates back directly to 1867. Hunsinger said he knew that the farm was in the family for more than 100 years, but didn't apply for the century farm award until two years ago, after getting the research and documentation needed.

"My original descendants came here in 1814, but the farm was out of our family for a year — I think the owner was killed in the Civil War," he said. The family bought the farm back however in 1867 and regained the family legacy on that farm.

NAILE Announces Steer Show Winners

LOUISVILLE, Ky. — Grand champion single steer and grand champion pen of three in the feeder steer show went to Highview Farm of Hillsboro, Ohio.

Kohler Farms, Kohler, Wis., had reserve grand champion single steer, with Jack and Lori Sievers, Randolph, Neb., winning reserve grand champion pen of three. Premiums for the winners were $300 champion single steer, $150 reserve champion single steer, $500 champion pen of three, and $250 reserve champion pen of three.

Feeder steer entries were up this year, even though the economy has created a lower market for the feeders steers. Close to 30 single steers were exhibited along with 30 pens of three. Though the show is in its 16th year, this is only the second year singles and pens of three have been exhibited. In previous years, only pen of five classes were shown.

While the commercial market may be down, the interest for these animals is still high. Jim Claycomb, ring announcer for the show, said, "The purpose of these animals is to be fitted and showed as prospects for steers. People buy them now, having in mind to prepare them for next year's shows."

John Hánly, superintendent of the feeder steer show, said, "Agriculture is the backbone of our country. It will always be there. The beef industry looks to be in demand for a long time. Americans enjoy eating beef and there is more demand nationwide for beef".

All cattle entered in the feeder steer show and shown were sold at auction during the evening.

The sale is an opportunity for youths to purchase quality animals for their 4-H and FFA projects.

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Adams 4-H'ers Compete In Capon Roundup

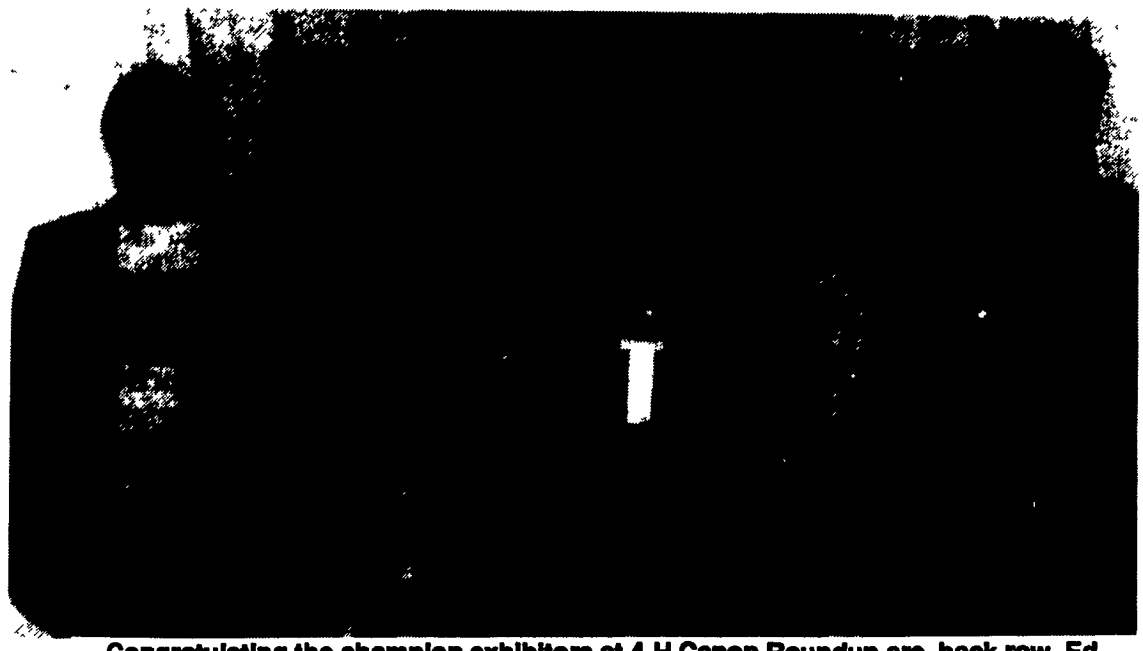
GETTYSBURG (Adams Co.) — The Cashtown Lions Club hosted the 4-H Capon Roundup recently. The grand champion was exhibited by Chris Shetter, son of Mr. and Mrs. Ed Shetter, Gettysburg. The 10-pound, 15-ounce capon was purchased by Warren's Heating and Cooling at $19 per pound for a total of $207.67. The reserve champion capon was exhibited by Tim Shetter, son of Mr. and Mrs. Ed Shetter, Gettysburg. The 11-pound 15-ounce capon was purchased by Gettysburg National Bank for $8.75 per pound for a total of $104.38.

Edward Miller, chairman for this year's show and sale, reported six Adams County 4-H'ers participated in the 4-H capon roundup sponsored by the Cashtown Lions Club, the Adams County Poultry Association, and Adams County Cooperative Extension. Eighteen capons weighing a total of 198.68 pounds were sold for $867.98. The average price per pound was $4.36. Miller said that the profit received by these junior executives from this 4-H Capon business is used as operation capital for next year's 4-H Capon Project and serves to help meet future educational expenses.

The members were judged on the Danish System by Larry Yager, multi-county marketing agent of The Pennsylvania State University Cooperative Extension staff. The capons were evaluated on conformation, freedom from pin feathers, cuts, bruises, packaging and dressing procedure. Members receiving blue merit ribbons for exhibiting superior quality capons were: Jamie Gebhart, Eugene Hunt, Rebecca Hunt, and Laura Shetter.

Lloyd Spahr, Adams County Poultry Association president, presented the trophies to the champions. The Adams County Poultry Association purchased the trophies for roundup and purchased capons to be donated to Green Acres for Thanksgiving.

The 4-H Capon project is one phase of the Adams County 4-H program. The 4-H Capon project involves the personal care and management of 20 or more capons by the 4-H'er. More information on 4-H in Adams County may be obtained by contacting the Adams County Cooperative Extension Service, 1135 Chambersburg Rd., Gettysburg, PA 17325, (717) 334-6271 or (717) 624-4525.



Congratulating the champion exhibitors at 4-H Capon Roundup are, back row, Ed Miller, the Lion's Chairman for Capon Roundup; 4-H members Tim and Chris Shetter, reserve champion and champion exhibitors; and Lloyd Spahr, president of the Adams County Poultry Association.

The reserve champion 4-H Capon exhibited by Tim Shetter, front row, was purchased by Gettysburg National Bank, represented by Fred Schultz for $8.75 a pound. Warren Stouck of Warren's Heating & Cooling, Gettysburg purchased Chris Shetter's grand champion 4-H Capon for $19 a pound. Chris, son of Mr. and Mrs. Ed Shetter, Gettysburg sold his 10-pound, 15-ounce capon for a total of $207.67

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State DHIA Positions Re-Aligned

Pennsylvania Dairy Herd Improvement Association has announced that Dixie L. Burris assumed the new title of manager of Membership Development on July 1, 1991.

The creation of this position is a reflection of an increased emphasis on this area of the operation. Dixie is responsible for membership recruiting and retention, member communications, and for coordinating a variety of membership education efforts.

Dixie has been with PA DHIA for almost 10 years as supervisor of member service functions.

She began working for PA DHIA in October 1981 and was instrumental in establishing the data entry department, where all new data collected and recorded by field personnel is keyed and verified as it enters the mainframe computer for processing into management reports for member dairymen. She also supervised the auditing department and was overseer of quality assurance, a position she still holds.

Her contact on a daily basis with member concerns prepared Dixie with a readiness to more fully develop a program of following through with educational efforts aimed at increased member involvement.

Louise I. Sible, PA DHIA's ARIS representative, is now a part of the newly created Membership Development Department under the direction of manage, Dixie Burris.

Louise has been with PA DHIA since February 1988 and is the key resource person for ARIS, the online computer access system designed for member use. In addition to these repsonsibilities, Louise will assist with the planning and development for all member education programs.

Louise brought to PA DHIA a strong background in computers and dairy farming. Her three years of active involvement serving the needs of DHIA dairymen across the state makes her a strong asset to membership development.

PA DHIA recognizes the need to focus attention directly on the needs of member dairymen and the re-alignment of existing, experienced personnel is sure to be an asset to the organization.

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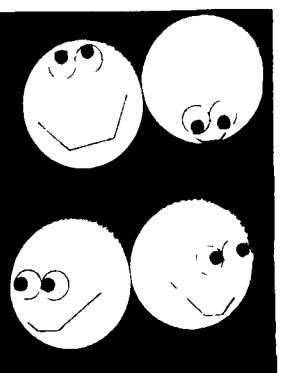

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Angus Cattle Changes Seen At NAILE

LOUISVILLE, Ky. — Times are changing and so is the Angus cattle industry — two facts that were apparent at the Roll of Victory Angus Bull Show at the North American International Livestock Esposition.

Angus cattle have undergone many changes since 1950, said Judge David Hawkins, East Lansing, Mich.

"In the 1950s we selected cattle that matured early with small frames. Then, in the 1960s and 1970s, we increased the frame and growth rate. We slightly overdid it, and now we're trying to correct it wnth moderate frames and growth rates," he said.

But these changes take some time. On the average, it takes breeders about seven to ten years to introduce new traits into their stock, according to James Fisher, director of junior activities in the American Angus Association. The introduction of new traits is done through the selection of outstanding sires by the breeders.

Making genetic changes is usually based on economic reasons, said Don Trimmer, member of the American Angus Association. Various trends tend to follow commercial industry, he said.

David Gazda, Athens, Ga., agreed. "We make changes to meet the needs of the consumers," he said.

The Angus breed, noted for calving ease, carcass traits and marbling ability, is the largest breed association in the world, with 166,000 registered animals. Trimmer said, "They have withstood the test of time (people still raise them). Reasons for this include the sire evaluation program, which is accessible by all breeders. They are also the largest breed, and more people want to be involved with number one."

James Fisher said, "There is some diversity within the breed, which is required in industry. The type of animal a breeder raises is determined by the demand in his or her area. Emphasis is placed on consumer demand."

Inherited characteristics tend to increase the performance of the animal, Don Trimmer said. "Cattle have become more efficient. We now have fewer cattle producing more beef," he said.

Judge Hawkins said, "The Angus breed has proven itself. It fits in a lot of categories, such as being functional on the feedlot and being able to deposit marbling in other breeds when crossed."

Fisher said, "Angus is an efficient breed. Their carcass quality and marbling of meat, which improves the palatability, make the demand for the end product high."

Water Rights Meeting To Be Held

LANCASTER (Lancaster Co.) — The drought of 1991 reminded us of the importance of a sufficient water supply and brought renewed calls for new legislation to regulate water use in Pennsylvania.

Many people are not aware of or do not understand the Riparian Rights Doctrine which is the basis for water law in Pennsylvania at this time.

In light of this, a meeting has been planned on water rights and water law for Dec. 12.

The meeting will be held in the basement meeting room of The Farm and Home Center, 1383 Arcadia Road, Lancaster from 9 a.m. to noon.

The agenda includes a review of drought patterns for the last 100 years for southeastern Pennsylvania by Leon Ressler, with the Penn State extension, and a review of current and proposed water laws in Pennsylvania by R. Timothy Weston, an attorney.

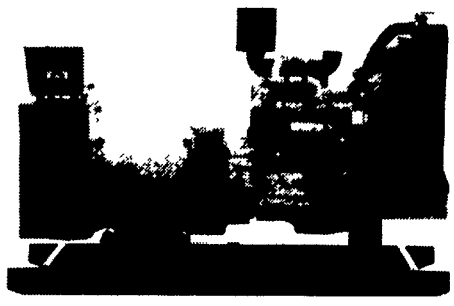
Also John McSparran with the Department of Environmental Resources (DER) will discuss water use problems in Pennsylvania.

The history and role of the Susquehanna River Basin Commission (SRBC) will be discussed by Richard Cairo, head of the commission. He will provide an update on the current status of the proposed fee schedule for water use. Water laws in other states will be reviewed by Cynthia Boyer Blakeslee, an attorney.

Also, a panel of farmers will discuss water use in their operations and how legislation may impact them.

This meeting is designed to be of interest to all people in agriculture, but especially for those who irrigate or have large animal operations. There is no registration fee and preregistration is not required.

GENERATORS



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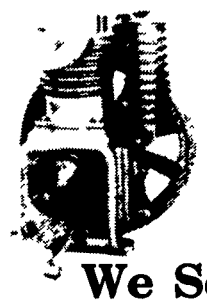

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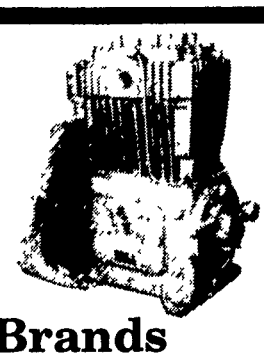

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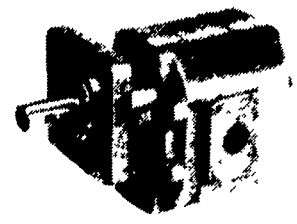

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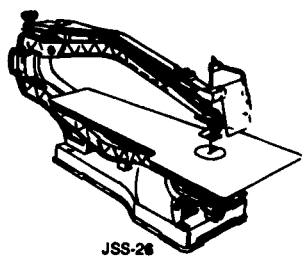

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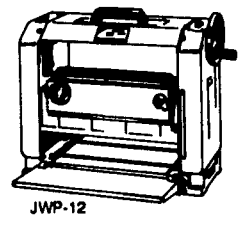

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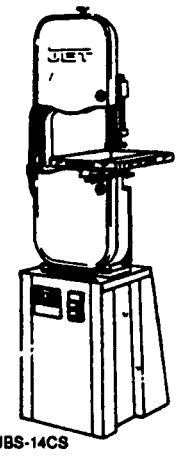

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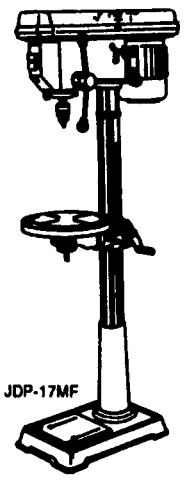

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A History And Perspective Of The Pennsylvania DHIA Program

Editor's note: This section continues the history of the Pa. DHIA as begun on page A1.

Section 11
Summary of Highlights and Dates of DHIA Activity

1910 First PA Cow Testing Association formed in Chester Co. - Brandywine Assoc.

1921 I. 0. Sidelmann hired to summarize records.

1923 Charles Gearhart first Dairy Specialist hired to work with DHIA.

1946 Herbert Gilmore the second full-time Dairy Specialist on DHIA.

1947 Two fieldmen added to do DHIA work.

1954 State DHIA Organization formed.

1954 Owner Sampler became part of DHIA program.

1957 Central processing of records begins in basement of Old Main.

1958 First year records summarized by computer.

1960 First discussion on retirement and major medical program.

1962 Milk-O-Meter approved for use by ADSA.

1963 Start of Solids-Not-Fat Testing.

1964 Health insurance first offered.

1965 Life insurance first discussed.

1966 First Electronic Milk-O-Tester viewed by State Board.

1967 NDHIA approves Milk-O-Tester for use on raw samples.

1968 AM-PM testing offered.

1968 Central Testing Lab started in basement of Borland.

1969 DHIA was incorporated.

1971 UPS utilized to pick up and deliver milk samples.

1971 New Central Milk Testing Lab completed.

1972 Protein testing offered.

1974 Life Insurance and Retirement program offered.

1974 Lab for checking milk metering devices started.

1976 Somatic Cell testing offered on field trial basis.

1976 First discussed General Manager position.

1980 Computer installed to transfer data from testing machines.

1981 Ground broken for addition to Central Testing Lab.

1981 First all expense paid Supervisors Conference held.

1982 Quality Certification plan offered by NDHIA.

1982 Phil Dukas hired as first General Manager of DHIA.

1983 Visible ID for cows on test.

1984 First Statewide County Directors Conference held.

1986 Dick Barth hired as General Manager.

1986 Multi State Meter Checking Van introduced.

1988 UPS out; refrigerated trucks introduced by DHAI for picking up samples.

1989 First counties join new statewide management system.

1991 DHAI management moves administrative offices off campus to allow more room for testing services at Central Testing Lab and for room for moving computer facilities from Shields Bldg. to DHIA Service Center.

Section 12
Past Presidents of State DHIA

1954-1958 James Wilson - Elks County

1959-1963 G.A. Biggs - Fulton County

1964-1966 Charles Lownes - Bucks County

1967-1972 Clyde Robison - Washington County

1973-1974 Alfred Brandt - Lebanon County

1975-1977 Paul Yoder - Somerset County

1978-1980 Clyde Robison - Washington County

1981-1984 Oliver Butler - Tioga County

1985-1987 Robert Kindig - Lancaster County

1988-1990 Clyde Robison - Washington County

1991- William Itle - Cambria County

Section 13
PA Dairymen Serving as President NDHIA

Clyde Robison, Robert Kindig.

Section 14
DHIA General Managers

1983-1984 Phil Dukas, 1984-1985 Bill Heald-Interim, 1985 Dick Barth.

Section 15
State Management Districts/ Areas for Fieldman

1947-1963 - Two Areas, 1964-1981 - Three Areas, 1982-1983 - Two Areas, 1984-1985 - Four Districts, 1985-1986 - Six Districts, 1986-1988 - Five Districts, 1989-Present - Four Districts + Lancaster County.

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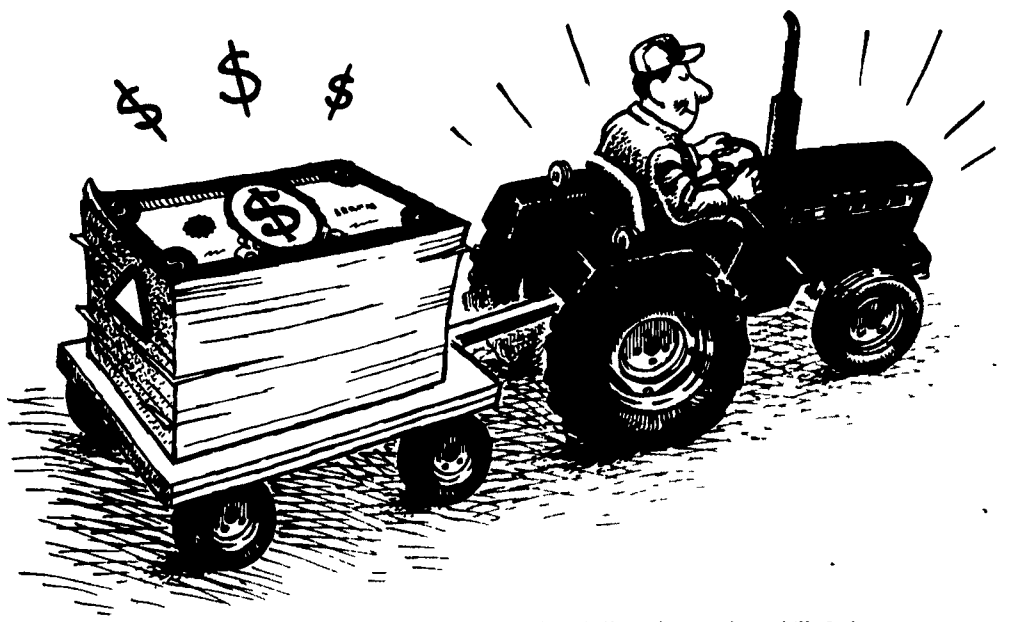

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Lisa Francisco, Northern NJ, (201) 948-3956

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USFGC Pleased With Soviet Credit

WASHINGTON, D.C. — "We are pleased with President Bush's announcement of $1.25 billion in GSM-102 credit guarantees for the Soviet Union. It is an affirmation of the importance of the Soviet market to U.S. farmers," gaid Kenneth Hobbie, U.S. Feed Grains Council (USFGC) president.

"However, $1.25 billion will not meet the needs of the Soviet people. It is our hope additional credit guarantee announcements will be forthcoming in a timely manner," Hobbie said.

The council has requested the administration provide $2.5 billion in credit guarantees to the Soviet Union to protect the integrity of its livestock industry. The council based this recommendation on careful analysis of the Soviet Union's food and feed requirements.

"While (the) announcement certainly is a step in the right direction, it will not be adequate to meet the Soviet Union's needs," said council Chairman Dan L. Peterson.

"The council will continue to work with the administration to support the Soviet Union's agricultural needs through its political and economic unrest," said Peterson.

Unwanted Pesticide Cleanup Starts

VERNON ACHENBACH JR.
Lancaster Farming Staff

CAMPBELLTOWN (Lebanon Co.) — A pilot pesticide cleanup program was kicked off Wednesday with a press conference by Gov. Robert Casey and Secretary of Agriculture Boyd Wolff at a Lebanon farm.

The program is called "Chemsweep," and is designed to be a means for collecting and disposing of old, unusable or prohibited pesticides, including insecticides and herbicides which are stored at farms.

It is not designed for the disposal of regular over-the-counter pesticides, but for those under restricted use as determined by the U.S. Environmental Protection Agency (EPA).

The program is being attempted in six counties this year; Lebanon, Bedford, Fulton, Lehigh, Snyder and Union. Depending on the success, the cost of the program and what types of chemicals show up, the program is to expand statewide.

The first part of the program, according to Dave Bingaman, environmental specialist for the Department of Agriculture (PDA), is to allow every farmer within the pilot counties to submit an application for disposal of unwanted chemicals.

The next step, which would not occur until next year, would be the collection and disposing of the chemicals.

It is considered a temporary program, because the chemicals being targeted for cleanup are outdated or defunct for continued use.

The goal of the program is to reduce the risk of contamination of water supplies and to the food chain — rather than have people continue to store unwanted chemicals on their properties where they could be dumped, spilled or accidentally leaked into the ground or be washed away into stormwater systems.

Both Casey and Wolff addressed a crowd of media representatives at the farm of Robert and Evelyn Marvel and both provided a brief synopsis of the program.

"I don't think there's any doubt that there's a need for this program," Wolff said. "Many growers have old chemicals on their farm somewhere . . . that they no longer use. (Those chemicals have) been replaced by newer, more efficient substances.

"In some cases (the old chemicals are) undefinable (sic). In some cases they can no longer be used. Or they can be in containers that are old and deteriorating and could let (those potentially toxic chemicals) loose in the environment," he said.

"The longer these are stored in facilities like this (farm shed), the greater the risk to the human factor — the farm family — and the greater the damage can be to the environment.

"It can get into our water, our groundwater and our surface water and, in this instance, in this watershed, end up in the Chesapeake Bay," Wolff said.

Wolff introduced Casey to the media representatives, saying that "(The Chemsweep program) is just one more of (Casey's) efforts in working . . . to improve the environment."

Casey, whose administration put a hold on more than $2 million in state rural and agriculture spending as part of a $130 million withholding of state expenses, said he supports this program.

"It's a win-win situation for everyone, and it'll be paid for by the commonwealth through fees that are charged to the manufacturers of the pesticides and herbicides," Casey said. "It's not paid for by the taxpayers, it's not paid for by the farmers, and that's, we think, a very good result."

Casey spoke through a microphone from the doorway to a farm shed that serves as the farm's chemical storage and mixing area.

Behind Casey, on a pallet, were seven plastic containers of chemicals that are no longer used at the Risser-Marvel farm.

The Risser-Marvel Farm Market retails locally grown produce and related items and also serves as a market for items purchased from other growers.

The 126-acre farm is managed by Greg Forry. They use 42 acres to raise mostly sweet corn, tomatoes and peppers, melons and pumpkins for the market.

Forry had placed the chemical containers on the pallet and said that they are no longer used at the farm. They were either chemicals that have been around for years that he no longer uses, or they have had use changes placed on them by the EPA, he said.

The containers displayed, for photography purposes, won't be disposed of through the program until collection begins next year.

Collection sites and the exact program timetable are yet to be set, according to Dave Bingaman, environmental specialist for the PDA.

While Boyd Wolff, state agriculture secretary, looks on, Greg Forry, farm manager at Risser-Marvel Farm Market, tells Gov. Robert Casey about the problems farmers face with outdated chemicals lying around, but until now had no inexpensive and safe method of disposing of them.

The funds actually come from fees levied against manufacturers of chemical pesticides marketed in Pennsylvania. The fee was increased from $25 per year to $100 per year as of Oct. 19, according to Bingaman.

"The first payments on product registration are due in January, so we will be getting the money early in January," Bingaman said, adding that some of the increase in fees are targeted for "several other additional EPA projects.

"We would guess probably $600,000 should be raised, depending on the amount of products registered within the state, which varies from year to year," Bingaman said.

However, unlike the agricultural funds which Casey recently had set aside for budget balancing, the governor can not touch the funds targeted for use in this project.

"The money goes into a restricted pesticide account. Therefore it will not go into the General Fund, it will be earmarked for this purpose and can not be taken for other things," Bingaman said.

The details of the program are to come out of the results of this first phase in the project, Bingaman said.

"It's too early in this thing. The pilot program, that's one of the things it's going to identify. We picked counties that we feel represent diversified agriculture across the state. And that'll actually give us an idea of what we might expect across the state as we proceed with the program."

4-H HAPPENINGS

4-H Horse Awards Banquet

Outstanding 4-H Horse members were honored at the Lebanon County 4-H Horse Banquet held recently.

Receiving plaques for their achievements in the county grooming and showmanship contests were David Bixler, Palmyra, 12 years and under; Jonathan Bixler, Palmyra, 13-15 years old; and Amanda Wineske, Jonestown, 16 years and over. Grooming and showmanship awards were sponsored by Brandt's Mill and Saddlery, Lebanon.

Also honored were first place winners in the county roundup classes. Equitation trophies were sponsored by Sheehy Ford, Lincoln, Mercury, Inc., Lebanon and presented by Irwin Fitting.

Outstanding project book awards were presented to Laura Thompson, Sarah Stieg, Luke Peters, Clint Beck, Kirsten Bixler, Amy Tshudy, Jonathan Bixler and David Bixler.

The Lebanon County 4-H Horse Bowl Team was recognized for placing fourth in national competition at the Eastern National 4-H Horse Roundup held in Louisville, KY. Team members included Michelle Slaybaugh, Amanda Wineske, Nancy Jesiolowski, Dawn Bragg, and Stacie Stoudt. Martha Gregory, 4-H coordinator, presented a slide show of the team's trip to the national horse bowl contest.

Lucille Dohner, Lebanon, was presented with the Emerald Clover Award for 25 years of leadership in the Spur and Bit 4-H Horse Club.

Nicole Flickinger was honored in the horse category of the National 4-H Awards Program. The Barbara Bixler Memorial Trophy was presented to Crystal Zeller.

Lebanon Co. grooming and showmanship contest winners, left to right, Jonathan Bixler (13-15 years old); Amanda Wineske (16 years and over); and David Bixler (12 years and under).

Lebanon Co. 4-H Horse Bowl Team, left to right, Stacie Stoudt, Michelle Slaybaugh, Amanda Wineske, Nancy Jesiolowski, and Dawn Bragg.

The 4-H Horse program provides youth with the opportunity to acquire knowledge of horses and equine related subject matter. Ownership of a horse, while desirable, is not required to participate in 4-H horse program activities. The "Horses Are Fun" project is available to youth interested in learning more about horses.

More information on the 4-H program can be obtained by writing or calling the Lebanon County Extension Office, 4-H Agent, 2120 Cornwall Rd. Suite 1, Lebanon, PA 17042-9777, (717) 270-4391.

Sara Yorty, left, receives the equitation trophy from Sheehy Ford, Lincoln-Mercury representative Irwin Fitting.

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Vizzard Is Hytest Territory Manager

BUFFALO, N.Y. — Tom Barber, northeast sale manager for Hytest Seeds, Inc., announced the edition of Jim Vizzard to the Hytest sales team as territory manager.

Vizzard will report to Barber and be responsible for servicing Hytest accounts in eastern Pennsylvania, New Jersey, and northern Maryland.

Vizzard is a graduate of the Institute of Applied Agriculture of the University of Maryland, where he received a degree in agriculture business management. He has held various positions in agriculture since 1985, including the past five years with Seedway as district sales manager.

Vizzard is a member of the Pennsylvania Corn Growers Association; New Jersey Sod Producers Association; Pennsylvania Sod Producers Association; Communicating for Agriculture, Des Moines, Iowa; and International Rural Exchange, Perth, Australia.

"Jim was chosen for this position not only for his strong agricultural background and industry knowledge, but primarily for his proven ability to assist his accounts with growing higher yields and selling more seed at greater profit," said Barber.

Jim will be working out of his home in York, Pa.

Jim Vizzard

Junior Heifer Show Larger Than Ever

LOUISVILLE, KY — This year's Junior Heifer show at the North American International Livestock Exposition was bigger and better than ever, with entries topping above 500.

"I can't explain why the show is so large, we didn't expect it. We thought entries would be down," said Garland Bastin, genera' superintendent of the North American International Livestock Expo.

Carla Nichols, superintendent for the Junior Heifer Show, stressed the fact that this junior show was the largest of its kind. Altogether, 10 breeds are shown, while other shows usually have only one or two breeds.

A strong emphasis is placed on the rule that all exhibitors have to show their own entries, unless arrangements have been made in advance.

Heifers (cows that are one year of age or younger and have not produced a calf) are female purebred breeding stock used to improve the commercial market. As quality stock, heifers, in turn, help commercial breeders to produce a better quality product for consumers.

Most producers compete at the NAILE mainly because participation is an excellent advertising tool for herds. Top purebred livestock producers exhibit at this show, and when a breeder does well, people remember.

Robin Bower, 14, exhibits with hopes of making a name for herself in the cattle business. She said that being here helps her to learn showing skills from the professionals.

Nichols believes the reputation of the show is what draws increasing entries at the big expo.

"In tough economic times, farmers put more money into advertising their products, and what better place than the North American International Livestock Exposition?", said Nichols.

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SRBC Drops Farmer Fee

HARRISBURG (Dauphin Co.) — Farmers who irrigate will not have to pay $250 for compliance monitoring fees for using water.

The commission originally proposed charging farmers who irrigate between $750 and $12,000 in monitoring fees, based upon the amount of water used daily. Ealier this year, at a hearing held in Harrisburg, the proposal was for $250, but testimony opposing the fee was in the majority.

Richard Cairo, SRBC executive secretary, attributed the commission's decision, in part, to legislators who lobbied for the exemption.

Congratulating the farm community for a battle well fought, Rep. Jess Stairs, R-Acme, said, in a news release, that he is pleased with the decision to drop the fee. Stairs is minority chairman of the House Agricultural and Rural Affairs Committee and was opposed to the fees for farmers.

"I received a great deal of support from a number of colleagues on the committee, as well as that of Republican Caucus Secretary John Barley and Republican Conservation Committee Chairman George Hasay," Stairs said.

"In addition, the farm community sent letters and presented testimony at commission meetings, explaining just how serious the impact of the proposed fees would be to Pennsylvania farmers," he said.

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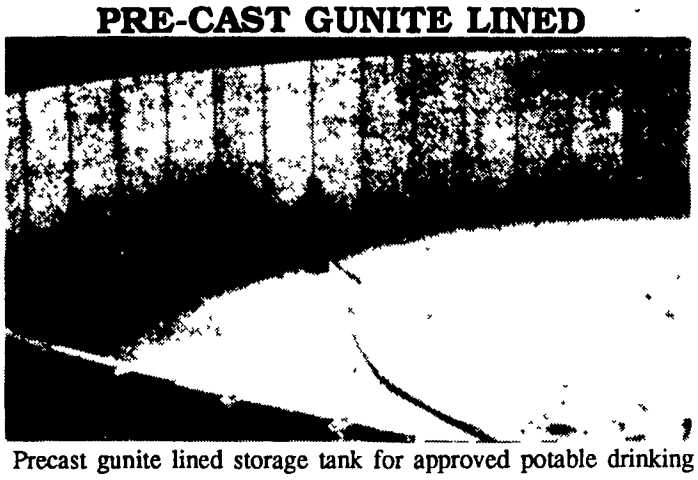

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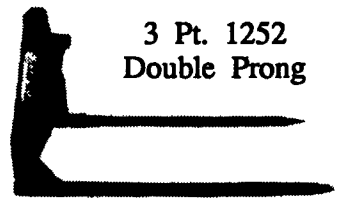

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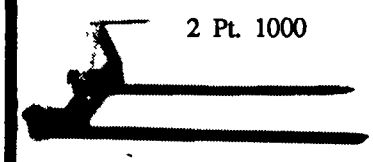

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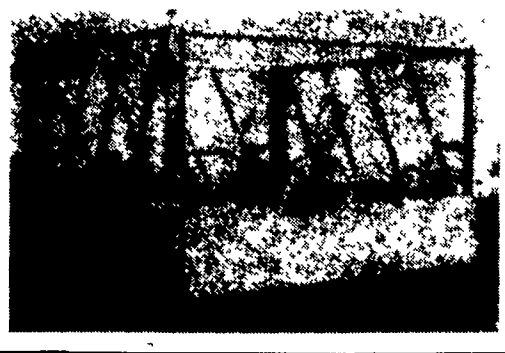

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___	M-C XA7766	100	110-115	70.00	68.00	67.00
___	M-C XA4492	80	90- 95	70.00	68.00	67.00
___	M-C SX3602	80	88- 90	70.00	68.00	67.00
___	M-C SX2220	75	88- 90	70.00	68.00	67.00
___	M-C SX1010	75	80- 85	70.00	68.00	67.00
___	M-C Single Cross as above		BULK	➡		56.90

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___	M-C XA588	90	100-105	70.00	68.00	67.00
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___	M-C XA560	90	100-105	70.00	68.00	67.00
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___	M-C XA490	80	90- 95	70.00	68.00	67.00
___	M-C SX390	75	85- 90	70.00	68.00	67.00
___	M-C SX385	75	85- 90	70.00	68.00	67.00
___	M-C SX220	75	80- 85	70.00	68.00	67.00
___	M-C Single Cross as above, most numbers available		BULK ➡	MOST NUMBERS AVAILABLE		56.90

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___	M-C 3X898	105	115-120	65.00	63.00	62.00
___	M-C 3X676	95	105-110	65.00	63.00	62.00
___	M-C 3 Way Hybrids as above		BULK	➡		51.90

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___	M-C H764	105	105-120	60.00	58.00	57.00
___	M-C H304	80	90- 95	60.00	58.00	57.00
___	M-C H270	75	88- 93	60.00	58.00	57.00
___	M-C H207	75	85- 90	60.00	58.00	57.00
___	M-C H208E	70	80- 85	60.00	58.00	57.00
___	M-C Double Cross Hybrids as above		BULK	➡		46.90
___	Silo-Chief Ensilage (Medium Maturity)			60.00	58.00	57.00
___	M-C Silo Chief as above -basis Bulk 1400 lb. or 25 bu. of	Hybrid or Size			➡	46.90
___	Lucky 7 Test Plot (all 10 lb. bags)			70 00		
___	M-C Quic Krop H700 (For Green Chop or Cover Crop)				25 00	
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___	M-C 3X898	105	115-120	65.00	63.00	62.00
___	M-C 3X676	95	105-110	65.00	63 00	62.00
___	M-C 3 Way Hybrids as above		BULK	➡		51.90

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___	M-C Quic Krop H700 Bulk U.R. Basis 1400 lb. or 25 Bu.			➡	22.00	

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___	Certified Noble	5.50	5.25	5.25	5.00
___	Registered Noble	6.50	6.25	6.25	6.00
___	Certified Hercules	5.50	5.25	5.25	5.00
___	Registered Hercules	6.50	6.25	6.25	6.00

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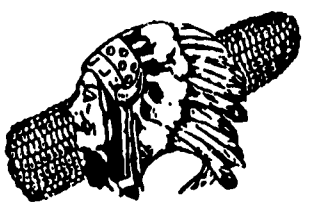

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4-H HAPPENINGS

Northeast 4-H Leaders Forum

Seven Sullivan County 4-H leaders attended the 1991 Northeast 4-H Leaders Forum in Hershey recently.

Trainings such as this provide opportunities for leaders to learn more about their project areas, working with youth, other 4-H opportunities for adults and youth, promoting 4-H, and a lot more.

This is an opportunity for leaders to get to know and learn from other leaders from many other counties and states.

Participants this year were Debbie Peterman, Tammy Finan, Joyce Renshaw, Mary Lambert, Georgeann Broschart, Barb Warburton, and Shirley Pardoe.

Other 4-H Leaders are encouraged to talk to these participants about the workshops they attended and other ideas they might have gotten while attending the forum. A report will be given by the participants at the 4-H leaders breakfast.

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DR. JOHN E. BAYLOR
Forage Specialist (Retired)
The Pa. State University

Alfalfa: Breeding for Quality--My Perspective

When I've asked alfalfa growers what they expect from their alfalfa crop they generally agree on three things: high yield, high quality forage, and persistent stands. And, yes, they would like to have consistent performance every time a new stand is established.

Until recently whenever we've talked about improved alfalfa varieties relative to meeting the above criteria we've automatically talked about multiple pest resistance. It was, and is, a key term. Research has proven that an alfalfa variety with moderate to high levels of multiple pest resistance for a given area is generally superior in yield and persistence, and indirectly--quality, to a variety with a high resistance to one disease or pest, but without resistance to others. So be sure that the varieties you choose do have adequate levels of multiple pest resistance for your area.

Today, quality itself is another factor receiving considerable attention from alfalfa breeders. And it is this approach that I would like to consider in today's column.

Researchers and farmers alike agree that leaves are a key factor in alfalfa quality. And studies have shown there is a direct relationship between relative feed value (RFV), crude protein (CP), and percent leaves. The challenge to alfalfa breeders has been how to improve quality by improving the percentage of leaves.

One approach by plant breeders to improve quality has been through the introduction of multileaflet varieties, i.e., varieties with more than the traditional three leaflets per leaf. Several multileaf varieties are currently on the market. And while real progress had been made in the expression of the multileaf characteristic, it still tends to be somewhat inconsistent. Furthermore, there is no clear cut evidence to show that these varieties actually contain a higher percentage of leaves, and higher crude protein levels, than trifoliate varieties. In fact, there are data from several studies showing that multileafs are not necessarily leafier, regardless of level of trait expression. Let me emphasize that this doesn't mean we won't see more improvement in the years ahead.

A second approach by plant breeders to improve quality has been through the development of trifoliate varieties with finer stems and higher leaf-to-stem ratios. And there are data to show that real progress has been made using this approach. In fact, a number of studies from both public and private evaluations indicate that one recently released trifoliate variety selected for high quality consistently demonstrates leafiness and forage quality superior to any available multileaf type, regardless of expression level.

The use of new technology, namely near infrared reflectance spectroscopy (NIRS) is given much of the credit for recent quality improvement in alfalfa through plant breeding. NIRS allows for the faster selection of plants in the breeding population on the basis of crude protein, fiber qualities, stem thickness, leaf-to-stem ratio, and any other desirable characteristics that might still be identified by breeders.

But, while quality improvement through breeding is a breakthrough, and one that farmers can take advantage of, alfalfa growers must also recognize that management still plays the most important role in alfalfa hay quality. This includes stage of maturity at the time of harvest as well as all of the other hay and silage management practices to minimize losses. Alfalfa management, several workers say, can have a 30 to 40% effect on RFV, while germplasm can have only a 10 to 15% effect.

Finally, the holiday season is just around the corner. And I take this opportunity to wish each of you a Happy Holiday Season and a most prosperous New Year. I look forward to sharing information with you throughout 1992.

Better Feed Management Spurs Milk Increase

ENON VALLEY (Lawrence Co.) — Better management of feed and including a supplement with the silage and hay garnered the best Guernsey breed improvement for Trotacre Farm, managed by James Trotter and sons Bob and Dave.

"We just hit it lucky, I suppose," said Jim, who attributes the efforts of his two sons to improving the overall feed management.

The improvements came even in an area hit severely by last summer's drought. Although the drought had some effect, the farm will manage to obtain enough feed through the winter months.

Jim serves as the business manager of the state Guernsey Association. Trotacre Farms manages 450 acres that produce enough feed for 40 milking cows and 40 replacement stock.

Trotacre milks from a comfort stall to a pipeline. Herd improvements include a milking increase of 2,693 pounds, a 114-pound total fat increase, and a protein increase of +80, according to DHIA records.

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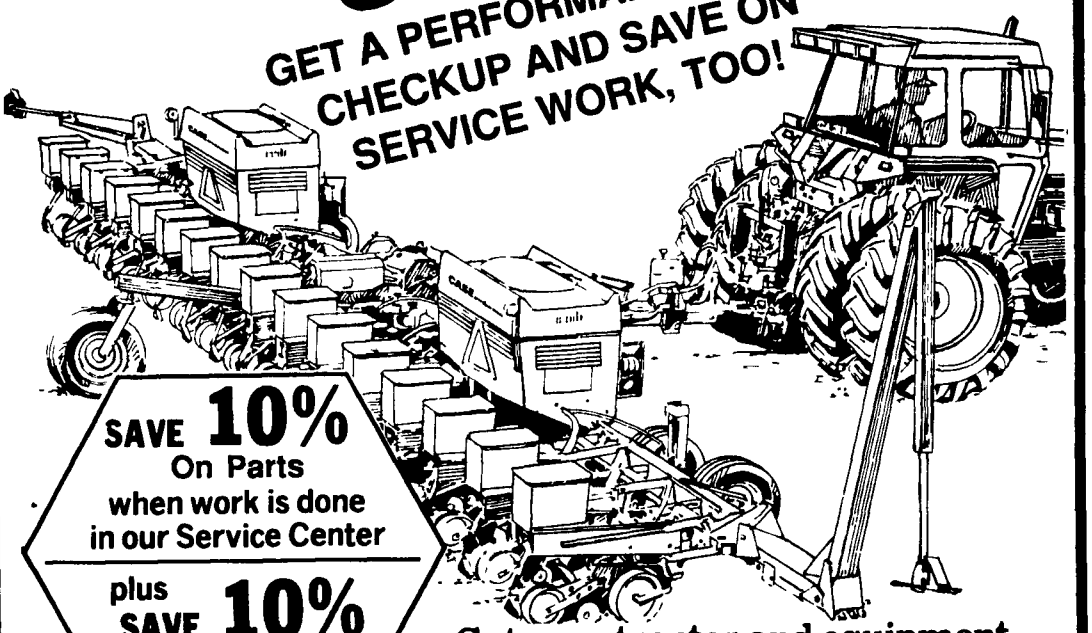

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When tillage begins, other arts follow.
The farmers, therefore, are the founders
of human civilization.
—Daniel Webster, 1840

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Rodale Expands Co-Composting Project

KUTZTOWN (Berks Co.) — The Rodale Institute's Rural/Urban Resource Center (R/URC) has recently received three-year funding from the Rockefeller Brother's Fund to significantly expand Rodale's Farm co-composting project.

The goal of the project is to help transform urban yard wastes and rural animal wastes into agricultural resources through on-farm co-composting enterprises.

The R/URC will work with farmers, county solid waste officials, municipal recycling coordinators, commercial waste haulers, and other stakeholders to identify and evaluate barriers to farm co-composting. The center will also seek to broker new relationships among the stakeholders in order to facilitate local experimentation and commercialization.

Later stages of the project will promote regional commercialization and the development of a "tool kit" for national dissemination. The tool kit will be a portfolio of program options that can support diverse regional adaptations and serve the needs and interests of a variety of audiences.

An idealized future scenario resulting from this program of activities includes:

- A regional network of farmer "entre-manures" — farming a cash crop of co-composted materials for their on-farm uses (thus limiting their need for chemical inputs and reducing fertilizer contribution to non-point source pollution), as well as for commercial sale to nurseries and home gardeners.
- A regional consortium of municipalities, county agencies, and farmers monitoring collection and distribution of yard waste materials as well as the quality of finished compost, and coordinating technical assistance and public outreach as needed.
- Creation of diverse new local enterprises, including a regional venture to coordinate farm co-composting activities, paying farmers tipping fees for accepting municipal yard wastes; organic food production, distribution and processing enterprises catering to regional markets; and an expanded network of farm suppliers to service sustainable agricultural practices.

This project builds on recent research conducted by the Rodale Institute on the feasibility of farm composting, which was supported by the Pennsylvania Energy Office and the Department of Environmental Resources. The Rural/Urban Resource Center was recently created by the Rodale Institute as a long-term commitment to supporting local initiatives which transform rural/urban issues into public and private enterprise opportunities.

For more information on either the farm co-composting project or the R/URC, contact Cary Oshins, Technical Manager, R/URC, 611 Siegfriedale Rd., Kutztown, PA 19530, (215) 683-6383.

NAILE Holds National Limousin Show

LOUISVILLE, Ky. — The National Medal of Excellence Limousin Show was held at the North American International, marking the first time the exposition hosted their national show.

Steady streams of new Limousin producers across the country led to a location change for their national show. Originally held at the National Western Stock Show in Denver, Limousin national shows now alternate yearly between Louisville and Denver. This rotation allows breeders more opportunities to exhibit and attend shows.

First introduced to the United States in 1968, Limousin cattle production expanded by leaps and bounds. Limousin registration numbers increased by 15 percent for each of the past five years. More than 75,000 Limousin were registered with the North American Limousin Foundation during the 1990 fiscal year, escalating the breed to the third largest registered in the United States today.

"As our industry grew, I couldn't keep a Limousin bull on my place," said exhibitor Tom Dance of Oak Knoll Farm in Clinton, S.C. "I had people buying my cattle just a few weeks old."

Limousin Superintendent Alan Sears said, "The main trait of Limousin cattle is their carcass merit. Dressing percentages and cutability are substantially higher for this breed compared to others. Feeding efficiency, easy calving, and light birth weights also add to the popularity of Limousin cattle."

More than 390 entries were brought in by exhibitors from more than 26 states. Wednesday's National Limousin Sale had an exceptionally high sale average of $8,595. Half interest in the sale's grand champion brought an astounding $30,000.

Quality was also very high in the Limousin show. Grand champion female honors were won by Woodland Creek & Thompson, Garland, to Cane Ridge Cattle Co. & Bar Double J, HP, CHR Limo, Paris, Ky.

Yackley-CMC also won the Breeders Best Five Head, Premier Exhibitor, and Premier Breeder awards at the National Medal of Excellence Limousin Show.

Texas. JCL Cattle Co., Welch, Okla., exhibited the reserve grand champion female.

Yackley-CMC, Onida, S.D., exhibited the grand champion bull at the national show. The reserve grand champion bull was awarded

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Farm Calendar

(Continued from Page A10)

Tuesday, December 10

Clinton Co. DHIA annual meeting, Ag Service School, Towanda.
Focus on the Future, Keeping Cash In Your Pocket, Ramada Inn, Washington Co., Washington.
Bradford-Sullivan Forest Landowners Assoc. directors, extension office, 7:30 p.m.
Lehigh Valley Grain Marketing Club meeting, Lehigh Co. Agricultural Center, Allentown, 7 a.m.-9 a.m.
Penn State Tax Institute, State College.
National 4-H Congress, Chicago, Ill., thru Dec. 13.

Wednesday, December 11

Western Pa. Vegetable Growers Seminar, Days Inn, Butler.
Dairy Farm Management Tour to Michigan, leave at 6 a.m. Mercer Co. Extension, return at 7:30 p.m. on Nov. 12.
Focus on the Future, Keeping Cash In Your Pocket, Westmoreland Co. Sheraton, Greensburg.
National 4-H Congress, Chicago, Ill., thru Dec. 13.
District III Jersey Breeders luncheon meeting, Bird-In-Hand Restaurant, Bird-In-Hand, 11:30 a.m.

Thursday, December 12

Westmoreland Co. Extension annual meeting, Sheraton Inn, Greensburg, 6:30 p.m.
Lancaster Co. water rights meeting, Farm and Home Center, 9:30 a.m.-noon.
Ground Managers' Seminar, Warrington Motor Lodge, Warrington, 8:30 a.m.
Vegetable Transplant Workshop, Holiday Inn-French Quarter, Perrysburg, Ohio.
Delmarva Vegetable Conference and Trade Show, Civic Center, Salisbury, Md., through Dec. 13.
Pesticide exam, McGuffey High School Vo-Ag Dept., 7:30 p.m.
National 4-H Congress, Chicago, Ill., thru Dec. 13.
Rutgers University 48th annual Pesticide Conference, Quality Inn, North Brunswick, N.J., thru Dec. 13.
Agri-Basics Inc. annual dairy meeting, Yoder's Restaurant, New Holland, 9 a.m.-3 p.m.

Friday, December 13

Delmarva Vegetable Conference and Trade Show, Civic Center, Salisbury, Md.
National 4-H Congress, Chicago, Ill.
Rutgers University 48th annual Pesticide Conference, Quality Inn, North Brunswick, N.J.
Agri-Basics Inc. annual dairy meeting, Theo's Family Restaurant, Shippensburg, 9 a.m.-3 p.m.

Saturday, December 14

Sunday, December 15

Monday, December 16

Holstein Steer Meeting 5, Farm and Home Center, 7:30 p.m.-9:30 p.m.

Tuesday, December 17

Wednesday, December 18

Mid-Atlantic Conservation Tillage Conference, Hagerstown Ramada Inn, Hagerstown, Md., 8 a.m.-3 p.m.
Forage Day, Lehigh Co. Agricultural Center, Allentown, 9:15 a.m.-3:30 p.m.

Thursday, December 19

Pa. Holstein Assoc. board of directors meeting, State College.
Whole Farm Business Plan Workshop, Midway Diner, 10 a.m.-2 p.m.
Lancaster Co. Safe Drinking Water Workshop, Farm and Home Center, 1 p.m.-3 p.m. Repeats at Yoder's Restaurant, New Holland, 7 p.m.-9 p.m.
Forage Day, Old Maple Inn, Honey Brook, 9:15 a.m.-3:30 p.m.
Ag Issues Forum, Kreider's Restaurant, Manheim, 7:30 a.m.-9:30 a.m.
DHIA annual meeting, Emmanuel Presbyterian Church, 7:30 p.m.

Friday, December 20

Forage Day, Midway Diner, Berks Co., 9:15 a.m.-3:30 p.m.
Tax Planning Update Workshop, Holiday Inn, Bethlehem, 9 a.m.-3 p.m.

Farm Forum

(Continued from Page A10)

doing, the milk promotion board needs to be competitive. Soft drink companies are major advertisers on television, and they have some eye-catching advertisement. And look at the health factor of soda. There is virtually NONE! Why not carbonate milk, put the sugar and coloring to it, and let's have a drink that tastes good and can compete in the drink industry. Milk needs to be cool, fun, hip, the in thing.

If the government wants to help the dairymen out, how about this: intsead of buying surplus milk to stock in a warehouse or dump in the ocean, while patting the dairy farmer on the head, let's have some positive approaches. Put some money into research to find uses for milk other than food. Come up with some gimmick that gives another industry an edge — they will use up the surplus for us. Farmers wouldn't mind milk going for any purpose if it means a few dollars per hundredweight increase in price. Use milk in latex paints, the production of paper, a cleaning agent, an organic fertilizer; any product requiring a water-based liquid could possibly in some remote way be enhanced by using milk instead.

I would like to see the dairy farmer get a fair shake for his product. The American public seems to demand cheap or free food, and they will likely have it for some time into the future. However, it seems reasonable to me that those producing the food should receive compensation for production costs, living expenses, and a return on their investments comparable to that of those who hoard excess monies in our world banking system.

Thomas R. Clouser
Madisonburg

P.S. If possible, could you include a copy of your article when forwarding this letter? Thank-you again.

PennWest Appoints Branch Manager

Terry Stockdale

MERCER (Mercer Co.)— Terry Stockdale, Mercer, became branch manager of the Butler and Indiana office of Penn West Farm Credit, ACA (Agricultural Credit Association). He will serve farmers in Butler, Clarion, Armstrong, Indiana, Jefferson and parts of Allegheny counties.

Stockdale was raised on an Armstrong County farm. He graduated in 1976 from Penn State University with a degree in animal science. For 15 years he worked as a farm manager in Georgia, Maryland, and Pennsylvania before becoming a loan officer for PennWest Farm Credit in the Mercer Brandh office.

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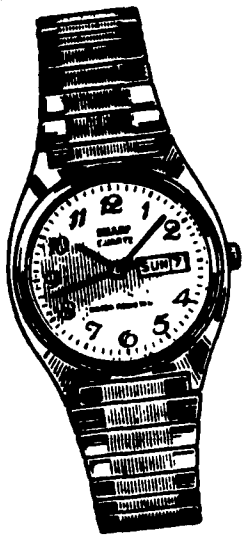

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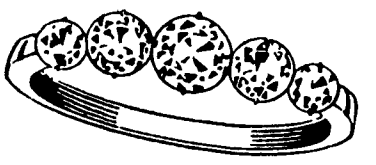

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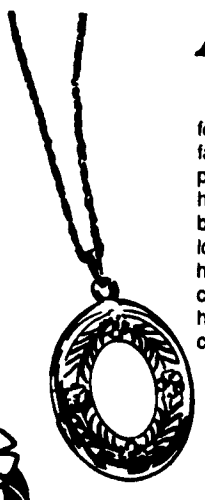

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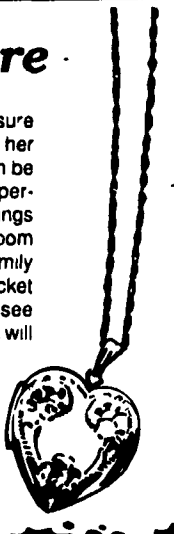

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30 YEARS AGO
THIS WEEK

-Richard Hess, Strasburg R1, has been elected president by the Lancaster County Holstein Breeders Association.

Hess, elected to the board of directors last year for a three year term, succeeds Henry Kettering, Lititz R3, president for the past two years.

Other officers elected at the recent meeting of the Southeastern Pennsylvania Artificial Breeding Association building were as follows: Everett Newswanger, Kinzers R1, vice president; Jay Landis, Lancaster R6, secretary; Clyde Buchen of Manheim R3, treasurer; Robert Kauffman, Manheim R1, Dairy Herd Improvement Association Director; Clarence Lyons, Hess Blvd., state director and Henry Kettering, news reporter.

J. Everett Kreider, Drumore R1, was named Milk Market representative and John Shelly, Manheim R1, was named sales representative.

-Two cows in the Red Rose Dairy Herd Improvement Association produced over 800 lbs. of butterfat during the lactation completed in October.

Miss, a registered Holstein cow in the herd of Everett R. Newswanger, Kinzers R1, produced a total of 841 lbs. of fat in 20.627 pounds of milk with a 4.1 per cent test during the 305 days of her lactation.

Second high lactation completed was by another registered Holstein. A cow in the herd of Mervin Nissley of Bainbridge R1 made 814 lbs. of fat in 22,542 pounds of milk testing 3.6 per cent.

Still another registered Holstein in the herd of Mowery Frey, Jr., Lancater R7, just missed the 800 lb. mark. She produced 799 lbs. of butterfat in 19,920 pounds of milk.

The herd of 24 registered Holsteins owned by Christ K. Lapp, and Son, Gap R2, posted the high butterfat average for the month. The herd averaged 55 pounds of butterfat in 1,442 pounds of milk with an average test of 3.8 per cent.

The 37 cow herd of Mowery Frey, Jr., produced an average of 52 lbs. of butterfat in 1,336 pounds of milk averaging 3.9 percent test.

-Tenth anniversary celebrations were held by Farm Women's Society 22 Tuesday afternoon at the home of Mrs. Richard Landis, 2306 Horseshoe Road.

After devotions, led by Mrs. Lester Landis, the co-hostess, members responded to roll call with their favorite Christmas carol.

Mrs. Landis gave a Christmas reading, and Mrs. Lloyd Herr gave a history of the Society.

-Members of the Farm Women's Society number two have contributed children's furniture and toys to the Bureau of Children's Service.

The gifts will be used in the room where parents have regular monthly and hoiday visits with children living in foster homes. The society hopes the gifts will serve to make the room a brighter place during the holiday season.

Mrs. Ronald Gordley served as chairman of the purchasing committee for the furniture and toys. Officers of the society are Mrs. Henry G. Hess, president; Mrs. Alvin Graybill, vice president; Mrs. Rufus Waltz, treasurer, and Mrs. Paul Herneisen, secretary.

-Allen Mackey, Peach Bottom R1, newly appointed Feed Specialist for the Lancaster County Farm Bureau, will assist feed sales personnel of the Co-op in Dairy & Poultry Management and Feeding Programs. According to John E. Wolgemuth, assistant general manager & sales manager of the Farm Bureau, Mackey will also assist poultrymen in the area of poultry disease.

Southeast Forage Days Set

WEST CHESTER (Chester Co.) — Alfalfa management update, intensive grazing systems, and low-input crop management will be the topics at a series of three forage meetings coordinated by Penn State Extension in southeast Pennsylvania.

The programs will be held at Lehigh Agricultural Center in Lehigh County on December 18, Old Mapel Inn in Chester County on December 19, and Midway Diner in Berks County on December 20.

Talks will begin at 9:15 a.m. and will include managing intensive grazing systems by Tom Calvert, Soil Conservation Service pasture specialist; forage species and varieties suited to intensive grazings systems by Marvin Hall, extension forage crop specialist; current fencing technology planning fencing systems by Tom Calvert; alfalfa management update by Marvin Hall; and economic aspects of low-input crop management by one of three extension farm management agents.

The last topic will include a pesticide applicator training session at the Lehigh and Chester County meetings. A farmer panel for Berks County meeting will include Richard VanLiew, nutrient management; Nevin Mast and Bill Zollers, intensive pasture management; and Todd Miller, using sudangrass.

A registration fee of $5 will be charged for lunch. For more information or to register, contact Lehigh County Cooperative Extension at (215) 391-9840, Chester County Cooperative Extension (215) 696-3500, or Berks County Cooperative Extension (215) 378-1327.

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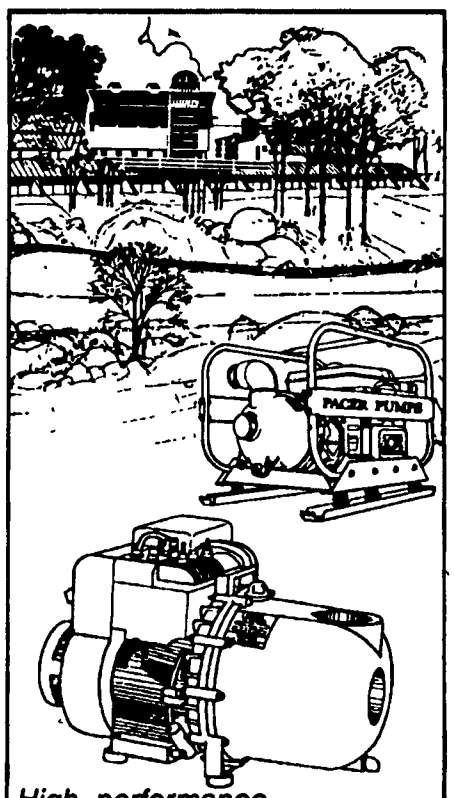

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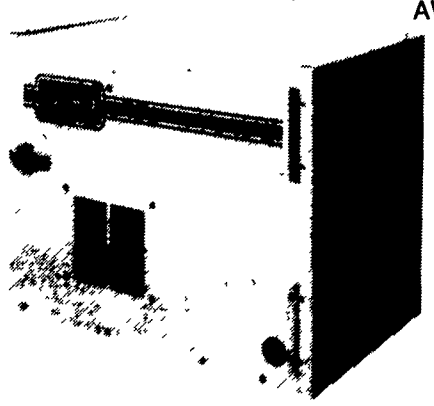

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Tobacco Selling Season Opens In Paradise

Nearly 300 tobacco farmers gathered at the Paradise auction Wednesday morning to see the opening of the tobacco selling season in Lancaster County. Opening bids were at $1.65 to $1.66, a little lower than farmes expected but four cents above the opening last year. However, expectations were based on the close of market last year when prices were $1.78.

Many of the farmers at the auction were judging their own crop in relation to the lots that were sold. The auction method of selling has a special appeal to tobacco growers because they receive their check the same day and therefore can have the income in the same growing year for income tax purposes.

Eric Probst, owner of Paradise Tobacco Auction, said the tobacco crop was especially good this year after farmers endured the dry planting season. Replanting was common but then the rains came and tobacco matured heavy on the lath.

Later the fine drying weather this fall cured the tobacco in the sheds.

The Paradise tobacco auction will continue to take consignmnts for future auctions. Probst estimated that the local auction sold 50 percent of the tobacco crop last year. In the photo by Everett Newswanger, managing editor, Probst gives instructions at the start of the auction.

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To learn more please attend the meeting in Lancaster County at the Bart Fire Hall, December 11, 9:00 AM. Lunch will be served. To make reservations and arrange transportation please call 1-800-221-1718 or 1-215-837-8200 by December 3.

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Smysers Top York DHIA

JOYCE BUPP
York Co. Correspondent

RED LION (York Co.) — Richlawn Farms has added to its impressive collection of dairy production awards won in recent years, sweeping the bulk of honors from the York County Dairy Herd Improvement Association. The presentations were made during the York DHIA's annual meeting, held November 25 at Rutter's at Dairyland Square.

Brothers Rodney and Robert Smyser, who operate Richlawn Farms on East Berlin Road, York, accepted the half-dozen top awards for their 76-head registered Holstein herd. The Smyser herd, which has won state recognition for its outstanding performance, finished the 1991 test year with an average of 25,869 pounds of milk, 868 pounds fat, and 789 pounds protein, topping all three categories.

In addition, three members of the Richlawn herd finished with high numbers in individual recognition categories. Stella, a seven-year-old, topped the 305-day milk category, with a record of 41,409. Herdmade Doreen, a five-year-old with 1,260 pounds protein, bested the 305-day protein production category. And Richlawn's five-year-old Fond headed up the 305-day fat production competition, with 1,349 pounds butterfat.

"I guess we'll just keep on doing what we've been doing," grinned Robert Smyser when asked their future plans for maintaining the herd's award-winning performance.

Outstanding improvement awards, based on protein pounds, went to two York County test herds. Most improved protein, over 600 pounds, was Leonard Greek, Delta. Greek's 47-head herd climbed 92 pounds over 1990, and finished with a 734-pound protein average, fourth high in the county.

Most improved under 600 pounds of protein was the 188-head herd of Horace Heindel, Airville. The Heindel herd boosted its protein test a whopping 163 pounds, finishing the 1991 year with a 609-pound protein average.

Kurt Pealer, Dillsburg, completed the test year with the county's lowest Somatic Cell Count, at an impressive 94,000 average on his 28-head Applehurst herd.

High individual lifetime milk production went to Woodbine Farms, Airville, for herd member No. 49, with 236,459 pounds of milk in 10 lactations. High individual lifetime fat production was awarded to Mervin Hertzler, Seven Valleys, for Renita, totalling 8,693 pounds of fat in 10 lactations.

Five herd management awards were presented to herds with outstanding performance in a combination of management improvements. The Horace Heindel herd, Airville, placed first; with Jerry Krone, Glen Rock, in the second spot; and Furnace Creek Farms, Hanover, third. Fourth place went to a non-publicized herd and tie for the fifth spot were Leonard Greek, Delta, and Ed and Carolyn Calhoun, Glen Rock.

The total of 97 herds on test in York County averaged 17,670 milk, 1,000 pounds higher than the 1990 cumulative average. Average fat was 641 pounds, with a 3.63 percent test, and average protein was 564, a 3.19 average.

During a brief business meeting, the five York DHIA supervisors were presented with bonus checks, based on years of service and quality ratings. York supervisors are Abbe Gore, Donald Messinger, Jean Myers, Carolyn Stump and Marianne Walter. Elected to the county board as new directors were Leroy Walker, New Freedom, and Lisa Kilgore, Airville.

Rodney, left, and Richard Smyser display armfuls of awards they claimed for outstanding production performance by their Richlawn Farms Holstein herd.

York Extension dairy agent Jennie Hess congratulates DHIA award winners Bill Heindel, center, and Leonard Greek.

Top Cattle Breeds Score Points

LOUISVILLE, Ky. — Major breeds compete for points at the North American International Livestock Exposition. Angus and Shorthorn, two dominant breeds in the beef cattle industry, have devised a point evaluation system to reward top individuals which are successful during the show season.

Throughout the year, producers have an opportunity to show their cattle in a number of shows which are designated as "point" shows. Producers receive a certain number of points depending on how their cattle place in a show.

Points are totaled after all shows are over and animals with a certain score receive awards. Angus breeders compete in four while Shorthorn breeders attend three. Each year one show is designated as the National show.

This year, NAILE is host of the Roll of Victory National Angus Show. Being the national show increased the years' entries. This year, more than 200 Angus females paraded through the show ring.

There is also a new twist to the show — the use of three judges. For each of the classes, two people are designated as judges and one serves as referee. The two judges work together to place the class with the referee being responsible for resolving differences of opinion.

Dean Hurlbut, director of activities for the American Angus Association, claims that even though this style of judging is not too popular, they chose to use this method because it gives three different opinions on the cattle.

Denver is the cite of the 1991 P.A.C.E. (Points Accumulation Event) National Shorthorn Show. Nonetheless, entries still exceed more than 220 at the North American.

Shorthorn exhibitors take the word "international" to heart. This year they are represented by breeders from Australia and Canada. Closer to home, producers travel from as far away as California and Maine to Texas and Minnesota.

"When people want to go one place to see all the great animals show, this is where they come," said Steve McGill, superintendent for the Shorthorn show.

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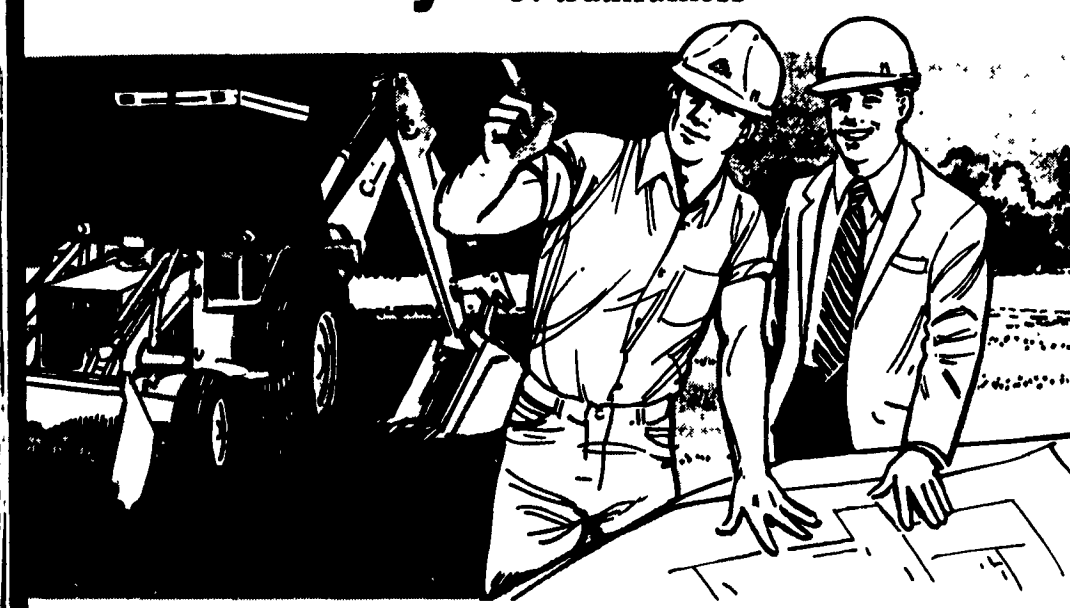

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Bull Makes The Difference For Vonada's Herd

GAIL STROCK
Mifflin Co. Correspondent

HOWARD (Mifflin Co.)— In any line of business, standards are set. These standards outline excellence, or, at the other end of the scale, room for improvement.

The dairy industry is no exception. The PA Dairy Improvement Program recommends certain goals and farmers can check their monthly reports for comparison. This issue highlights the farmers who exceed DHIA's realistic goals and how they did it.

When it comes to breeding, DHIA's Reproductive Management Report recommends, on one side of the paper, certain goals. The other side lists the farmers herd statistics.

For the most efficient use of semen, DHIA's goal for the average number of services per pregnancy stands at 2.3 or less. Charles Vonada of Howard maintains a commendable average of 1.3 for a 37 milking cow herd -- the lowest in the state.

He attributes this to having his registered Holstein bull run with his herd on a daily basis.

But the benefits of using a bull goes further than services per pregnancy. For Vonada, 80% of those first services were successful, far above DHIA's recommended goal of 60%. Because pregnancy must be determined by veterinary examination for DHIA's report, Vonada reserves the third Friday of every month for pregnancy checks by the local vet. And, because of this regular care, Vonada's herd experiences a less than average incidence of infection and cysts. This could also be attributed, some would say, to the natural process of insemination rather than using artificial insemination. Vonada's heifers are bred to a Hereford bull for smaller calf size.

Because nutrition plays a role in herd health, Vonada's feed company tests his haylage and silage to determine the feed ration, with each cow fed according to production.

Vonada's other statistics read well. The average days open for all cows bred and all cows open over 60 days is 97. This includes pregnant cows, cows bred not yet determined pregnant and open cows not bred. The goal for average days open should be between 100 and 110 days.

To attain the most profitable annual production and production per day of herdlife, DHIA set a goal of 12.5 to 12.8 months for calving interval. Vonada's interval is 12.4.

By running a Registered Hereford bull with his herd in the exercise lot every day, Vonada's DHIA statistics read well -- 69 days to first service while DHIA recommends 70-75; a 1.3 average of services per pregnancy, well below DHIA's goal of 2.3 or less; and an 80% success rate for the first service, determined by a vet, DHIA recommends 60%.

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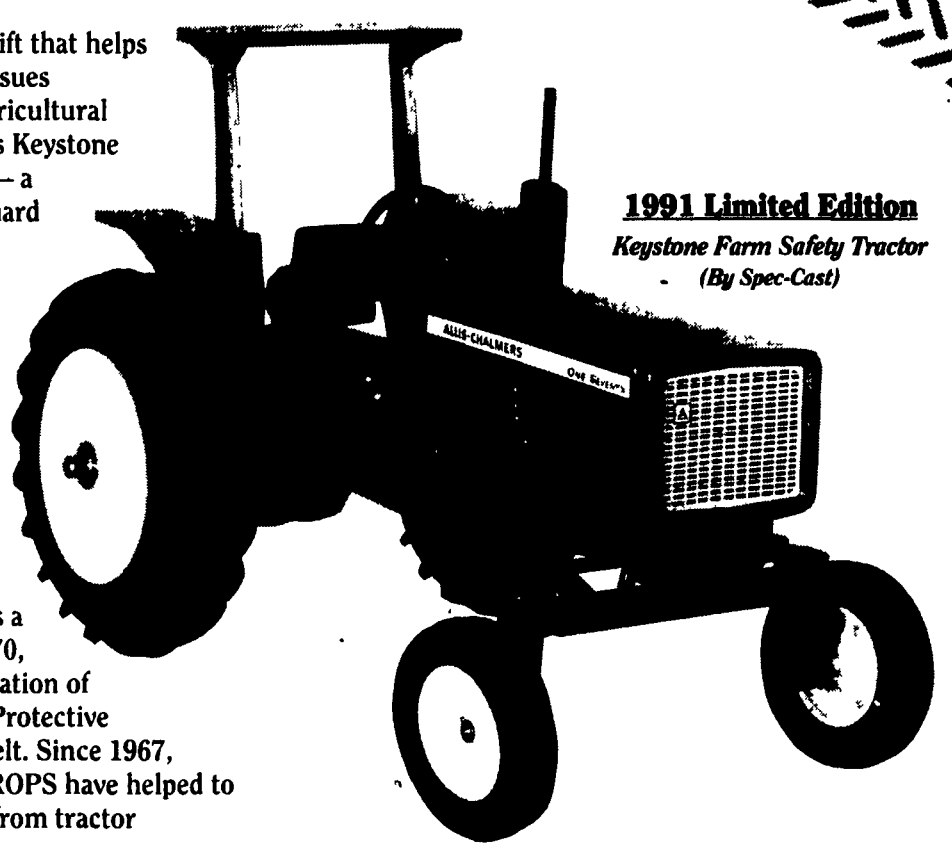

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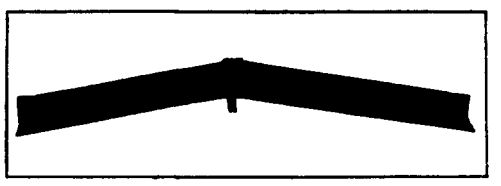

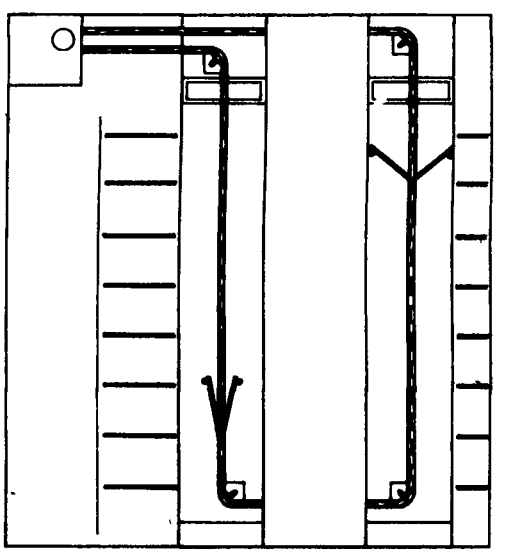

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Container Disposal Solutions Sorely Needed

PHOENIX, Ariz. — The disposal of pesticide containers has become a serious problem in rural America, the nation's farm managers and rural appraisers said in a poll conducted during their fall conference here.

Of the 302 poll respondents at the American Society of Farm Managers and Rural Appraisers (ASFMRA) annual meeting, 87 percent said pesticide container disposal has become a very serious or a somewhat serious problem. Only 8 percent thought it wasn't a problem.

When asked to rank potential solutions to the container problem, poll respondents said the best answer would be containers farmers could return to pesticide companies for reuse. Second best was a disposal program involving recycling.

Biodegradable, water-soluble or other innovative packaging ranked third, followed by bulk distribution that would eliminate most containers under 2.5 gallons, which represent 80 percent of the pesticide container problem. Ranked last was the designation of more accessible hazardous waste disposal sites.

Costs of resolving the container problem should be financed primarily by the users of the pesticides, more than half (51 percent) of poll participants said. More than one in four (27 percent) thought agricultural chemical manufacturers should pick up the cost, and 13 percent said it should be dealers and distributors. Only 2 percent thought the state or federal government should assume financial responsibility.

In the poll, conducted by Sandoz Crop Protection Corporation, 92 percent of the participating ASFMRA members said agrichemical companies can help solve the container problem, and 82 percent said the firms are seriously pursuing solutions.

As for the U.S. Environmental Protection Agency's involvement, 39 percent said the EPA's efforts were appropriate, 27 percent said their efforts were excessive, and 11 percent said EPA was doing too little. Almost a fourth (23 percent) said they didn't know how to describe EPA's efforts.

Most pesticides are sold in small plastic containers and become the property of the purchaser, usually a farmer or farm manager. Each year, farmers buy about 27 million 2.5-gallon and nearly 20 million 1-gallon containers of pesticides, according to the National Agricultural Chemicals Association.

Established in 1929, ASFMRA is one of the oldest appraisal and land management organizations in the U.S., with more than 4,000 members. Farm managers control about 25 percent of U.S. crop land.

Two National Cattle Shows At NAILE

LOUISVILLE, Ky. — The 69th National Polled Hereford Show and the 19th National Chianina Show were held on Wednesday at the North American Livestock Exposition.

The National Polled Hereford Show was the largest of the year, featuring 335 cattle in 44 classes of competition. Cattle throughout the United States and Canada competed for $20,000 in premiums.

Herefords are a breed of beef cattle having a reddish coat with white markings.

The American Polled Hereford Association is providing more information to the judges of the competition than it has in previous years.

"We're giving them more objective information such as the age, weight, ribeye area, fat thickness, and frame measurements of the animal," said Dr. John Hough, director of education and research of the American Polled Hereford Association. "We also measure fat thickness and frame size with an ultrasound."

The purpose of the American Polled Hereford Association providing this information is to give judges objective measurements to help them to make an objective decision.

"We put the cards on the table and let them make the decision for the most prestigious Hereford event of the year," Hough said.

The 19th National Chianina Show was the largest Chianina event of the year, featuring 372 cattle in 123 classes of competition. Breeders throughout the country competed for $10,000 in premiums.

The National Chianina Show also featured the First National Chiangus Show, which represented a major portion of the cattle competing this year. Chiangus are a crossbred of Chianina, a popular terminal breed, and the Angus, one of the leading maternal breeds in the industry.

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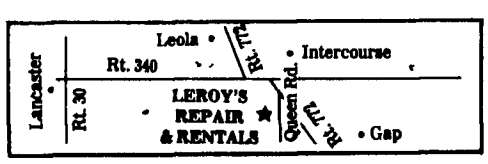

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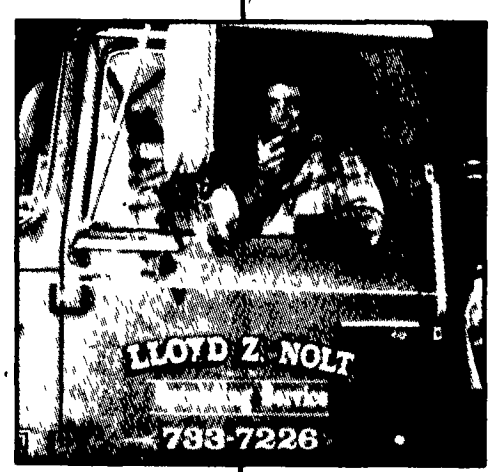

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World's Finest Sheep Compete At NAILE

LOUISVILLE, Ky. — The National Southdown Show and Shropshire Show were held recently at the North American Livestock Exposition.

The National Southdown Show became the largest Southdown event in the world, featuring 344 sheep in 23 classes of competition. Breeders in twenty-three states competed for $10,000 in premiums.

Southdowns are a breed of small, hornless sheep characterized by having a dense, short, fine-textured wool.

Gary Jennings, superintendent of the North American National Southdown Show, said that the market for Southdowns, bred mainly for their meat, is doing fairly well.

"The sheep economy overall is not very good this year," Jennings said. "But we've had a good year in comparison to other breeds."

The North American International Livestock Exposition is the last Southdown show of the year, and attracts state fair champions from across the United States.

"You ask any sheep breeder anywhere," saidd Jennings. "To win Louisville is to win the big show."

John Mrozinski, judge of the Southdown show, confirmed that this was the toughest competition in the country and believes it helps breeders a great deal from an economic standpoint. "People like the prestige of winning a national show like this," Mrozinski said. "Louisville gives people a chance to show offspring and sell animals for a better price than the standard market value."

Mrozinski said he judged Southdowns based on their body conformation in relation to their length of top, levelness of rump, amount of muscle, natural thickness, breed character and structural correctness.

"A lot of style and a sharp looking animal is also important," said Mrozinski.

The Shropshire Show was also a very competitive event, featuring 94 sheep in 16 classes. Breeders from throughout the country competed for $3,215 in premiums.

Shropshire is a large, hornless, black-faced breed of sheep raised for meat and wool.

In comparison to Southdowns, Shropshires have larger body conformation, wool on the top of their heads, wool along their eyes, and should have a brownish-black color along their heads.

Brett Wittford, a worker for Michael Anderson's Shropshire exhibition, stressed the importance of performing well in competitions such as the North American International Livestock Exposition.

"The better we do at this show the more private sales we obtain at our farm," said Wittford

Ron Guenther, judge of the Shropshire show, said he was looking for Shropshires with good feeding legs, soundness, style, balance, and breeding standards. When asked to describe the level of competition among Shropshires at this event, Guenther said, "We're at the North American. It's only the best."

Extension Seeks Nominations

WARREN (Warren Co.) — Warren County Cooperative Extension is currently seeking nominations for its Volunteer of Distinctions awards.

According to Frank Callan, executive board president, the Volunteer Of Distinction awards are presented annually to individuals who make substantial contributions of time and energy to the educational mission of cooperative extension. "This volunteer work may be in the areas of program leadership or in technical subject matter support for the educational programs of cooperative extension," said Callan.

Nomination of individuals to be considered for the awards can be made by any citizen of Warren County, and organizations or groups of individuals may also be nominated.

The awards are based largely upon activity and contributions made by the nominee in the current calendar year and are not given to volunteers solely on the basis of their involvement in the 4-H program. The 4-H Development Council's existing award program recognizes such individuals with their "4-H Role of Distinction."

Nominations for these awards are to be made in writing and submitted to The Warren County Cooperative Extension, 207 W. 5th Ave, Warren PA 16365, ATTN: Volunteer of Distinction Award Committee. Nominations should briefly outline the nominee's qualifications for the award.

The due date for this year's nominations is Dec. 31. For more information concerning these awards and a list of guidelines for the selection of recipients, contact the cooperative extension office at (814) 723-6003.

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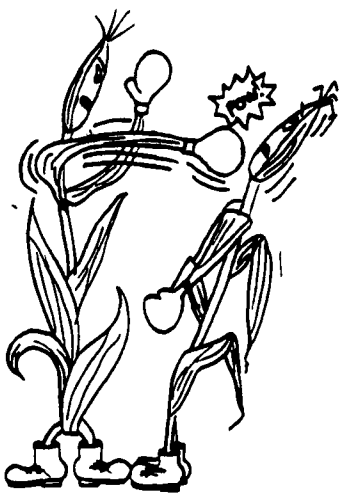

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Market Wethers Compete In Large Sheep Show

LOUISVILLE, Ky. — The "best of the best" junior market wethers competed at the North American International Livestock Exposition, home of the largest sheep show in the world.

"This year we have 600 market lambs competing in 36 classes," said superintendent Ron Craig. "We're up 200 head, compared to last year's market show."

Competitors from ages 6 to 21 came from 25 states to exhibit their market lambs here. Participant numbers have grown every year, and this year marks another new record.

Divided into classes by weight, lambs are judged on ewe appeal, length, correctness in conditioning and muscling, and an adequate skeleton — all characteristics which affect the final meat product.

"I look for a combination of traits in market lambs, not just one," explained judge Bob Kimm of Waterloo, Iowa. "I want something that'll come in a stylish package with better wholesale cuts. I judge more by structure correctness than muscling."

Lamb producers are breeding for heavier muscled lambs with long, deep loin and hindsaddle to keep off excess fat and produce better meat cuts for consumers to buy, according to Kimm.

Each class winner returned to the ring to compete for the grand champion and reserve grand champion market lamb. For the third year in a row, Brian Johnson of Gotebo, Okla., took home the grand champion market wether crown. The reserve champion was exhibited by Angela Banbury of Danville, Ohio.

Next year, market wethers at the North American will be classified by breed, and each breed class broken down by weight. Then, the top two winners from each breed will compete for the grand champion and reserve market lamb titles.

"We expect another increase in competitors next year for the market lamb show," Craig said. "Minor breeds find it too hard to compete against larger framed lambs in each class. But with the same breeds competing against one another in class, they'll at least have a shot."

Show ring bystanders included parents, competitors, and sheep producers from across the United States. Nick Wieringa of Middleville, Mich., came to the North American just to see the Junior Market Wether Show.

"This is the best sheep show around," Wieringa said. "You see the best quality lambs and best breeding stock here. You also get to see what the public wants in a market lamb now."

Farmers, Environment Conference Set

COLLEGE PARK, Md. — Recognizing that agriculture and the environmental movement need to work together, the Cooperative Extension Service of the Maryland Institute for Agriculture and Natural Resources has scheduled its second annual conference aimed at achieving this goal. MIANR is a research and public service institution of the University of Maryland System.

The all-day conference is set for January 23 in the Holiday Inn at Annapolis. Its format will illustrate some of the concepts of "Profitable Agriculture and a Clean Environment," the Maryland Extension education program known by the acronym PACE, which was announced last February 28 in Timonium during the first farm-oriented environmental conference for the Chesapeake Bay area.

Delaware farmers also are invited to participate, and the University of Delaware's Cooperative Extension Service has agreed to help sponsor the upcoming conference.

Last Friday's first-ever conference emphasized the general concepts of sustainable agriculture. The upcoming January event will highlight on-farm adaptive research, according to James C. Hanson, the conference coordinator. Dr. Hanson is southern Maryland regional farm management specialist for the Cooperative Extension Service.

He reports that national and state leaders in environmental agriculture have been invited to present general overviews at the morning session of the Jan. 23 conference.

Delmarva area farmers, along with extension agents and specialists, will report during afternoon breakout sessions on PACE research and demonstration projects conducted during the past summer.

Subject areas will include field crops, ornamental horticulture, fruits and vegetables, poultry waste management, and water quality on a commercial agriculture scale.

Registration forms and program brochures will be available soon from offices of the Cooperative Extension Service throughout Maryland and Delaware. A $20 registration fee includes printed materials, coffee breaks and lunch. Program sessions will run from 9 a.m. to 4 p.m. Advance registration is requested.

Lawn Tractor Cuts Wide Swath

MOLINE, Ill. — The John Deere LX188 lawn tractor has the power to increase productivity. A 17-hp V-twin, liquid cooled engine provides ample power for a 48-inch mower deck.

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Polled Hereford National

LOUISVILLE, Ky. — The American Polled Hereford Association held their 69th National Show at the North American International Livestock Exposition with more than 400 cattle entered.

"The market goes in cycles, and I expect it to stay up for a year or so," Hough said. "Purebred prices usually follow the commercial market fairly well."

Three judges evaluated bulls at the show on Thursday, based on objective data and their opinions. Each judge was given a data sheet which listed the bulls' age, weight, ribeye size, frame size, and conditioning scores.

Before the champion bull was chosen, Jennifer Dee Dorrell of Bendena, Kansas, was crowned 1992 American Polled Hereford Queen. This is the first year the queen has been crowned during the bull show.

Champion Polled Hereford bull was exhibited by Ace Land & Cattle Co. of Skiatook, Okla.; Maple Rock Farm, Pittsford, Vt.; Thud Ridge Farms, Wrightstown, N.J.; and KDW Cattle Co., Gardiner, Maine. Four Winds Farm, Berlin, Conn. and Overlook Farm, Petersborough, N.H. owned the reserve champion bull.

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Crop Residues Topic Of Tillage Conference

COLLEGE PARK, Md. — About 75 percent of farm conservation plans call for some form of crop residue management in highly erodable areas. So grain producers need to become fully aware of what is required if they are to meet the deadline for having their conservation compliance plans fully operational by Dec. 31, 1994. Meeting this deadline insures continued eligibility for participation in federal farm programs.

An explanation of what is required constitutes the keynote address at this year's Mid-Atlantic Conservation Tillage Conference. The speaker will be David L. Schertz, national agronomist for the Soil Conservation Service, U.S. Department of Agriculture, headquartered in Washington, D.C. Schertz's topic is "The Crop Residue Management Challenge -- It's Role for American Agriculture in the 1990s."

The annual event is scheduled December 18 in the Ramada Inn and Convention Center at Hagerstown, Md. It will run from 8 a.m. to 3 p.m. Nearly 500 crop farmers and agri-business representatives from Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and West Virginia are expected to attend.

As in 17 past years, the conference is sponsored by the Cooperative Extension Service at land-grant universities in the six participating states, with assistance from interested agribusiness representatives. About 30 commercial and educational exhibits are expected.

In addition to the crop residue topic, there will be presentations on avoiding soil compaction, overcoming pesticide-resistant weeds, establishing no-till forages, and assessing the long-term benefits of conservation tillage.

A "Food Safety-Food Risk" video production by the Ohio State Cooperative Extension Service will discuss the issue of food quality in America. Commercial exhibitors at the conference have been invited to report on what's new in products, services, and technological advances in their firms.

Tickets for the noon lunch should have been purchased by December 5. However, persons without tickets are welcome to attend.

Public Auction Register

DECEMBER

WED. DEC. 11 - 6PM, Single Piston Engine, Walnut Gun Cabinet, Walnut Blanket Chest, etc., at Ziegler Auction Co., Hershey, PA, Jay Ziegler, Auct.

FRI. DEC. 13 - 5PM, Toy Collection-100+ Winross Trucks, 50+ Ertl Banks, Hess Trucks, Farm Toys, etc., located indoors at Leesport Farmer's Market Banquet Hall between Reading and Hamburg off Rt. 61 at the Northend of Leesport, Berks Co., PA, Kenneth P. Leiby, Auct.

Indiana Livestock

Homer City, PA
Dec. 5, 1991
Report supplied by PDA

CATTLE 155. CHOICE FEW 68.75-71.50; SELECT FEW 63.00-67.00; STANDARD 55.00-61.00. H.CH./PR. SL. HEIFERS COUPLE 71.00 & 72.00; CHOICE COUPLE 66.00 & 68.00, SELECT FEW 60.25-62.00, STAND. 53.25-58.75. BREAKING UT. & COMMERCIAL SL. COWS 47.00-50.25, COUPLE 51.50 & 53.25, CUTTER/BON. UT. 43.50-48.50, CANNER/LOW CUTTER 37.50-43.50; SHELLS DOWN TO 3.00. YIELD GRADE NO. 1 1475-1730 LBS. SL. BULLS FEW 56.00-60.75, NO. 2 ONE 1200 LBS. 50.75.

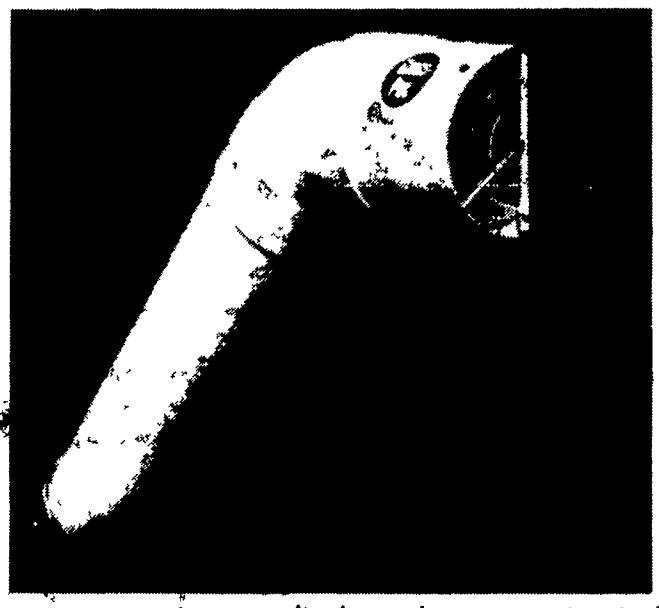
FEEDER CATTLE: STEERS M&L-1 840-1010 LBS. 58.50-67.00. HEIFERS FEW M-1 305-385 LBS. 73.50-77.50, M&L-1 630-990 LBS. 58.00-66.25, BULLS FEW M-1 360-380 LBS. 80.50-83.00.

CALVES: 152. (SUPPLY INCL. IN GRADED SALES OF WHICH 80% SOLD TO RETURN TO FARM. GOOD COUPLE 82.00 & 86.00; STAND. & GOOD 90-130 LBS. 50.00-70.00, 60-85 LBS. 30.00-55.00; NO. 1, HOLSTEIN BULLS 80-135 LBS. 100.00-170.00, NO. 2 90-120 LBS. 70.00-125.00; NO. 1, HOL. HEIFERS 90-120 LBS. 95.00-165.00. BEEF CROSS 80-140 LBS. BULLS & HEIFERS 82.50-182.50.

HOGS: 133. US NO. 1-2 LOT 245 LBS. 42.00, 1-3 215-245 LBS. 38.75-41.00, 2-3 FEW 235-245 LBS. 38.00-39.00, 1-3 LOT 155 35.00, 120 LBS. 32.00. US NO. 1-3 295-580 LBS. 32.00-39.00, 2-3 ONE 560 LBS. 28.75. BOARS FEW 20.50-23.75.

FEEDER PIGS: 0.

PUMP OUT PIT FAN



Many manure storage pits have been constructed without providing for ventilation of the pit, particularly in buildings constructed several years ago when pit storage was first popular.

A non-ventilated pit results in a build-up of harmful, caustic gases, such as carbon dioxide, hydrogen sulfide, methane, ammonia and mercaptans.

Hydrogen sulfide and carbon dioxide are heavier than air and, as the level of pit waste rises closer to the slats, the gases are forced closer to the animals.

Results of inhaling these gases may be deep, fast breathing from CO^2. Hydrogen sulfide is one of the most toxic gases to animals and humans associated with liquid manure storage. This gas can cause severe irritation to the eyes and respiratory system and sometimes can result in death.

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10"	POPF-10	1/6	3400	1155	1140

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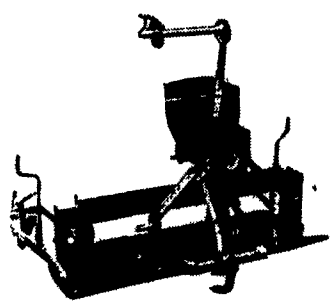
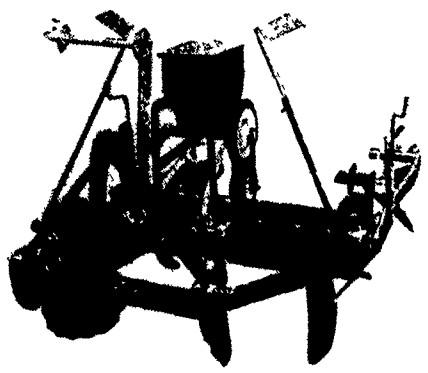
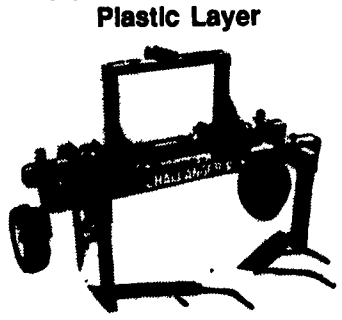


Flat Bed Model 560 Plastic Layer



Raised Bed Model 2500 Plastic Layer

Model 1400 Water Wheel Transplanter



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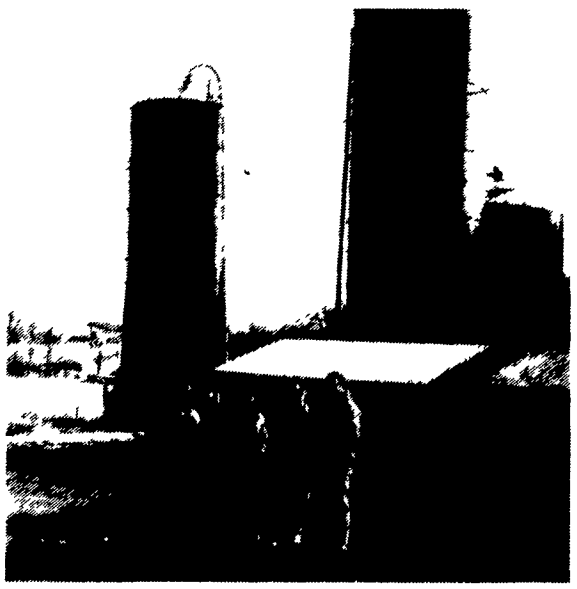
WED., DEC. 11

JACK E. SNYDER FARM

Rockwood, Somerset Co., PA



Ken, Jack & Wilbur Snyder with Gerald Parry

2035 Harvestore structure for haylage
2080 Harvestore structure for haylage
2060 Harvestore structure for high moisture corn

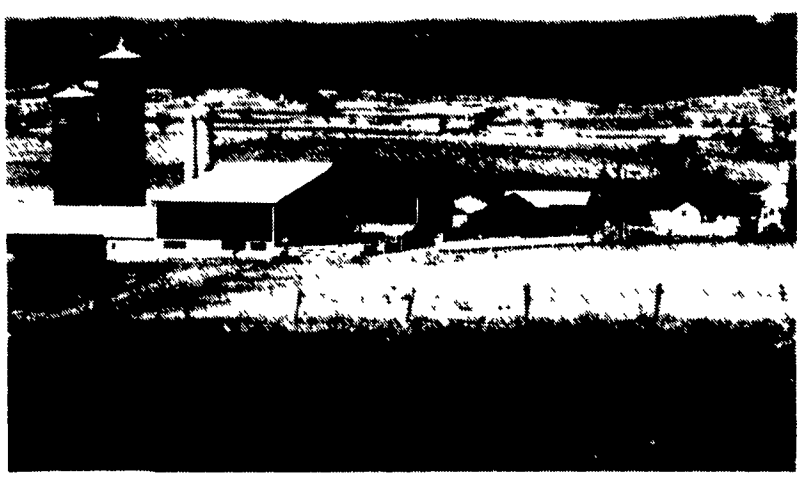
In December 1990 the Snyders began using a Model 420 Harvestore Weigher Mixer. Since then the herd has shown a consistent increase in milk production of about 8 lbs./head.

Hosted by Gerald Parry

THURS., DEC. 12

KORE E. YODER'S FRONT MOUNTAIN FARM

Belleville, Mifflin Co., PA



Front Mountain Farm

2032 Harvestore structure for high moisture corn
2070 Harvestore structure for haylage
2090 Harvestore structure for cornlage
4219 Slurrystore® system

Kore's 90-cow herd is currently averaging 19,600 lbs. milk with 3.8% fat.

Hosted by Bob Woods

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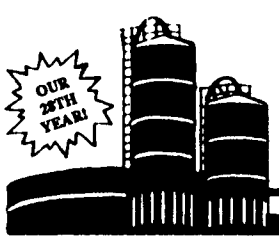

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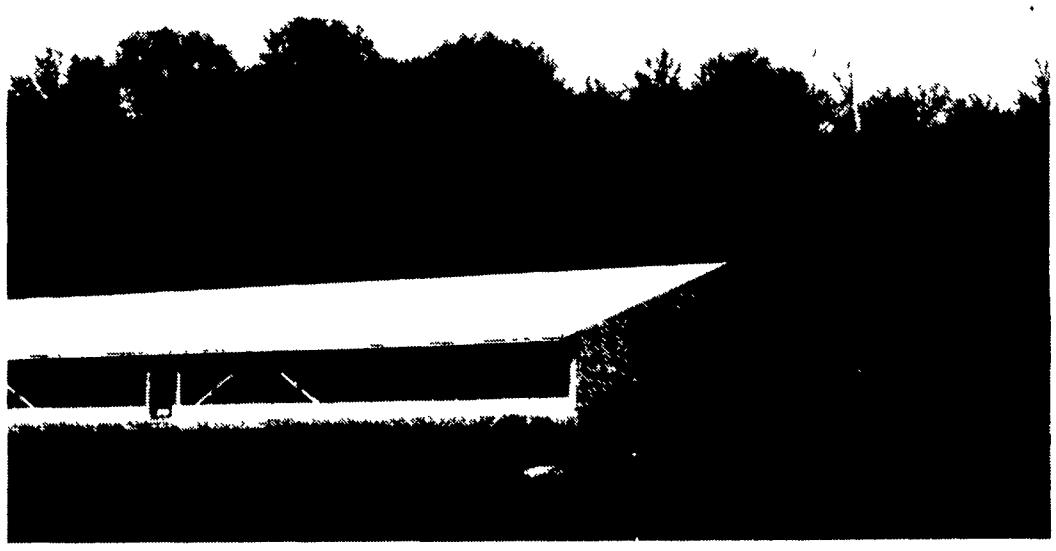

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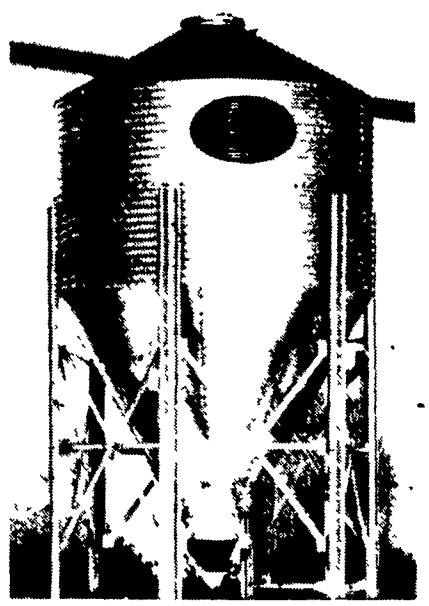
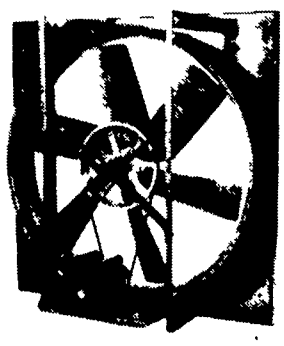


GSI FEED BINS



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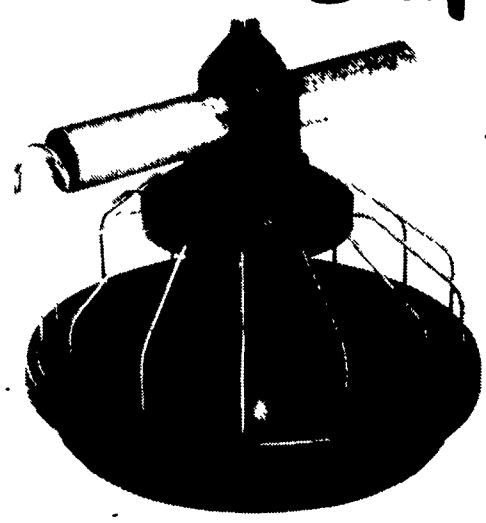
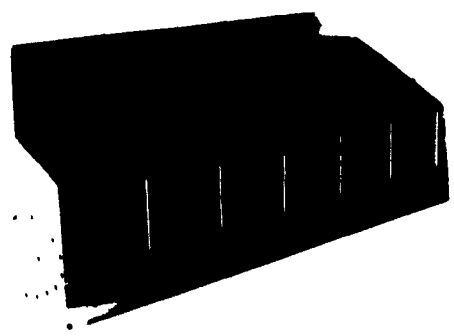


JAY-BEE NESTS



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GAIL E. STROCK
Mifflin Co. Correspondent

BELLEVILLE (Mifflin Co.) — "I don't think we do anything special," offers this dairy farmer. Sometimes sticking to the basics reaps a better gain than special gimmicks. And a look beneath this farmers' modesty shows a solid, basic herd management philosophy — one that has earned G. Sheldon and Barbara Peachey of Belleville a second place award in the PaDHIA Herd Management Awards for production improvement. The Peachey's earned this award when, in one year, their herd average increased 3,226 pounds for milk, 120 pounds for fat, and 111 pounds for protein. Their 22,379 pound herd average is well above the state average of 18,181. The management of their 65-cow herd centers on nutrition.

"I feed a Total Mixed Ration (TMR) for 70 pounds and then, anything above 70, I give them high mositure shelled corn and concentrates (protein and minerals) in the barn," Sheldon explains.

Peachey's farm set-up enables Sheldon to give his cows even access to the haylage (35 pounds) /high mositure corn (20 pounds) /corn silage (20 pounds) /minerals mixture all day long in the freestall bunk. This mixture also includes 6 pounds of soybean meal, corn distillers, and roasted beans per cow. Then, when milking in the stanchion barn, each cow over 70 pounds earns an extra portion of shelled corn and concentrates.

But it didn't used to be that way. "Five years ago, we put up the one Harvestore for shelled corn. The other one is for haylage. I wanted to get towards a TMR but I didn't want to get into more money then. And it seems the mixer is what it took to make all these things work". Because of his Farm Master tumbler mixer, Sheldon's herd feeds on the TMR whenever they choose. Before, he wasn't able to feed shelled corn or concentrates with the forage, causing a limited intake of grain. The mixer took care of these limitations.

But, just as important, Sheldon emphasizes high quality forage. By planting quality forages and by harvesting at the right time, Sheldon has attained an average of 20% protein, sometimes testing as high as 22%.

"I think there are a lot of ways to improve (milk production) without spending a lot of money. I'm not a guy to feed a lot of feed additives like fat. I'd rather get good forages in them. We try to get our haylage top grade," he explains.

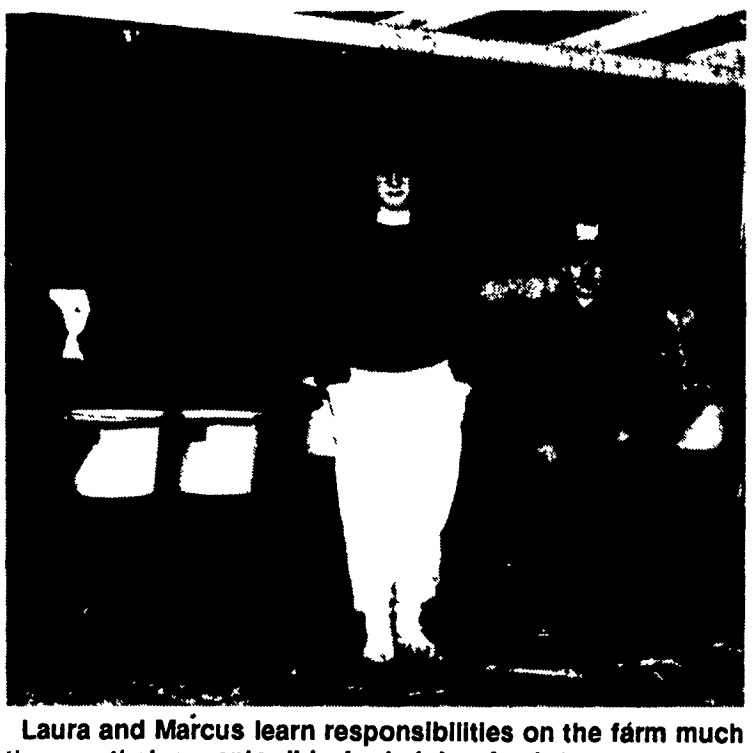
Sheldon takes his forage philosophy one step further — saving feed costs. "I feed them to make milk. Forage is the cheapest way to make milk. It's a lot healthier for the cow, too."

Sheldon attributes this year's dramatic increase in milk, fat, and protein to good forage. "We had real good haylage last year. Feed prices were low and milk prices were good most of the year, so I fed them pretty good. The cows are peaking higher, the two-year-olds are doing a lot better".

Sheldon and Barbara Peachey of Belleville, along with their children (l-r) Christine, Maria, Laura, and Marcus, have proven that hard work pays off. Sheldon implemented a good forage and nutrition program which increased his herd average by 3,226 pounds, earning him second in the state for production improvement.

In the stanchion barn, Sheldon top dresses shelled corn and concentrates to cows over 70 lbs.

By studying individual cow statistics from DHIA, Sheldon Peachey makes sure each cow is earning to its fullest potential. By watching their father, Marcus (left) and Maria (right) are bound to pick up these good management techniques.



Laura and Marcus learn responsibilities on the farm much the way their parents did - by helping feed the calves and other livestock.

When not concentrating on nutrition, Sheldon and Barbara pay attention to other details that are important. "I take care of the little things. I don't watch the herd average. I make sure each cow is making me money."

Those other "little things" include monthly herd health checks, being there when the cows calve, and getting them bred back. He also feels using top bulls is important. "We haven't lost a heifer calf in 4½ years," he states. And he only buys a cow if he sees potential for improvement. By milking cows with high Somatic Cell Count last, Peachey's have been doing a good job keeping mastitis down and keeping their SCC under 100,000.

But there are other "little things" that are important to Sheldon and Barbara — their children. Laura, 10, Marcus, 6, Maria, 5, and Christine, 2, take their share of responsibilities on the farm and at home just as Sheldon and Barbara were taught from their parents.

"The basics are still the same — hard work. You have to do things when you don't feel like it. Dad gave us a lot of responsibility and that helped when we went out on our own," Sheldon said.

For these reasons, the Peachey's want to keep their operation family-sized. In spite of having a fulltime hired man, Sheldon feels more comfortable doing the work rather than managing a lot of employees.

But Sheldon's modesty should not overshadow his proven ability to manage their two farms, totaling 140 acres. The Peachey's take nothing for granted and realize they have a lot to be thankful for. Maybe that's why they named their farm "Blessed Acres".

Homestead Notes

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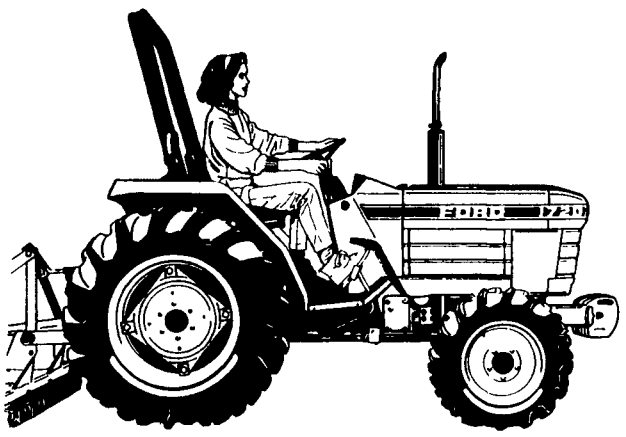

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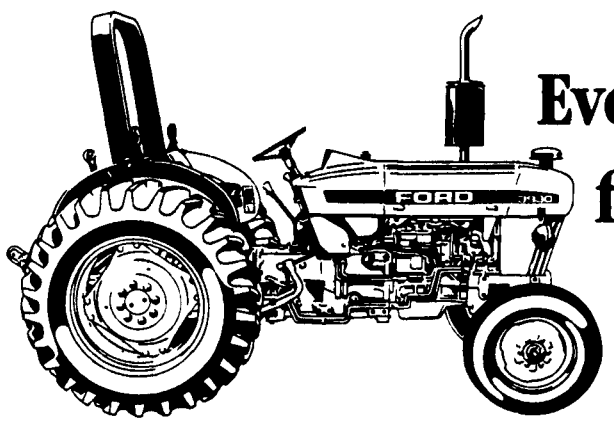

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"Microwave Magic"

By:
Carol Stark

Although most of us shy away from cooking a turkey in the microwave it can be done and done well. An even tastier idea is to use a boneless turkey roast.

1 - 8½ -ounce can applesauce
¼ cup jellied cranberry sauce
Few drops of red food coloring
½ teaspoon ground nutmeg
3 to 3½ -pound frozen boneless turkey roast, thawed.

Place thawed turkey roast, fat side up, on a nonmetal rack in a shallow baking dish. Micro-cook, uncovered on 100 percent power HIGH for 20 minutes, rotating the dish a half turn and turning the roast over after 10 minutes. Micro-cook, uncovered, on 50 percent power MEDIUM for 35 to 45 minutes or until internal temperature reaches 170 degrees, turning roast over after 15 minutes.

Meanwhile, for sauce, in a small nonmetal mixing bowl stir together liquid and flavoring. Micro-cook, uncovered, on 100 percent power HIGH for 1½ to 2½ minutes or until sauce is heated through. Spoon some of the sauce over roast; pass the remaining sauce. Makes 12 servings. Allow the turkey roast to stand covered with foil, shiny side in for 10-minutes after micro-cooking. This standing time allows the roast to continue to cook even though it is out of the microwave.

Something different in vegetables is a cheese souffleed vegetable.

CHEESE SOUFFLEED VEGETABLES

10-ounce package frozen asparagus spears
½ cup shredded American cheese (2 ounces)
15½ -ounce can salmon, drained, skin and bones removed broken into chunks
1 tablespoon water
⅓ cup mayonnaise or salad dressing
½ teaspoon finely shredded lemon peel
2 egg whites
¼ teaspoon cream of tartar
Dash of salt
2 tablespoons sliced almonds, toasted
Lemon wedges

Place water and vegetables in a 12x7½x2-inch baking dish. Micro-cook, covered with vented clear plastic wrap, on 100 percent HIGH for 5 to 7 minutes, separating and rearranging vegetable once. Drain. Halve any large vegetables lengthwise. Arrange vegetable in the 12x7½ x2-inch baking dish or on a nonmetal platter.

Combine mayonnaise, lemon peel and cheese. Gently fold half of the mayonnaise mixture into the fish, spoon atop vegetable. Beat egg whites, cream of tartar, and salt until stiff peaks form. Fold in the remaining mayonnaise mixture.

Spoon egg white mayonnaise mixture atop fish mixture and vegetables. Sprinkle with sliced almonds. Micro-cook, uncovered on 50 percent power (MEDIUM) for 8 to 10 minutes or until egg white mayonnaise mixture is soft set, giving dish a quarter turn every 3 minutes. Garnish with lemon wedges, if desired. Makes 4 servings.

FOR THE KIDS

As the kids always want to cook their own food here is a nice recipe for the kids to do over Christmas vacation.

SNACK CAKE

½ teaspoon ground cinnamon
¼ teaspoon ground nutmeg
⅓ cup milk
½ cup coconut
½ cup broken pecans
¾ cup all purpose flour
⅔ cup sugar
½ teaspoon baking powder
½ teaspoon salt
2 eggs
⅓ cup shortening
⅓ cup packed brown sugar
2 teaspoons cornstarch
⅓ cup evaporated milk
2 tablespoons butter

Stir together the flour, sugar, baking powder, salt and flavoring. Add the eggs, shortening, and liquid. Beat with an electric mixer on low speed till combined; beat for 2 minutes on medium mixer speed, scraping the sides of the bowl occasionally. Turn batter into a greased 8x1½ -inch round baking dish. Micro-cook, uncovered on 50 percent MEDIUM for 9 to 10 minutes or until the cake tests almost done, giving the dish a quarter turn every 3 minutes. Micro-cook, uncovered, on 100 percent HIGH power for 1 to 1½ minutes more or until cake tests done. When done, cake surface may still appear moist but a wooden pick inserted into the center of the cake should come out clean. Let cake stand, uncovered for 5 minutes.

Meanwhile, in a small nonmetal mixing bowl stir together brown sugar and cornstarch. Stir in the evaporated milk and butter. Micro-cook, uncovered on 100 percent power HIGH for 1½ to 2 minutes or until mixture is thickened and bubbly, stirring every 30 seconds. Stir in topping; spread over top of cake. Serve warm. Makes one 8-inch cake.

PFA Names Top Insurance Agent

CAMP HILL (Dauphin Co.) — Kathleen Marinkov of Lebanon has been named Agent of the Year for the fifth consecutive year by the Insurance Service of the Pennsylvania Farmers' Association (PFA).

PFA is a statewide, voluntary farm organization which provides a voice in public affairs and business services to 23,049 member families.

The PFA Insurance Service is the largest rural insurance agency in the state. It provides clients with professional, on-farm service and offers a full line of coverage for business and family needs.

Ms. Marinkov has been a PFA Insurance Service agent since 1984 and was the highest producer of new business out of 34 agents during the past year. She serves members in Lebanon, Berks and part of Lancaster counties.

In addition, Ms. Marinkov has been designated an Accredited Advisor in Insurance (AAI) and Certified Insurance Counselor (CIC).

The AAI designation follows successful completion of three national examinations on knowledge of insurance coverage, marketing concepts, selling techniques and agency and sale management. Training was conducted by the Insurance Institute of America, a nonprofit educational organization serving the property and liability insurance industry.

Kathleen Marinkov

The CIC designation follows successful completion of a rigorous insurance education program sponsored by the Society of Certified Insurance Counselors, a national nonprofit organization dedicated to professional insurance education. As the holder of the CIC designation, Ms. Marinkov has demonstrated her professional competence through a combination of experience, formal training and a series of comprehensive written examinations focusing on all major fields of insurance, insurance management and agency operation.

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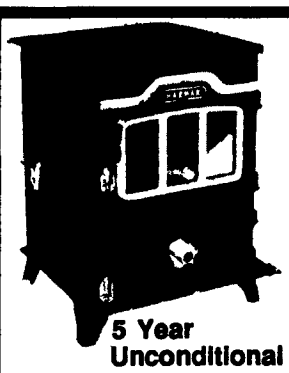

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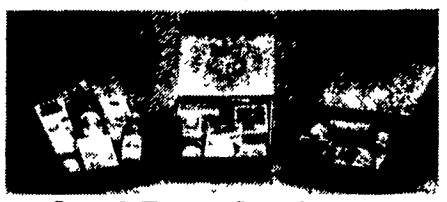

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On being a farm wife - And other hazards

Joyce Bupp

Slowly, my heart has begun easing back out of the pit of my stomach.

And, the quivering is disappearing from my knees.

The panic has resided. Life has slid back to normal.

All this emotional commotion unraveled my sensibilities in the space of about 15 seconds.

When I turned on my computer system, all I got was a blank, gray-white screen. Not the usual black screen against which the system displays its memory capacity in bright, white numbers. Or the familiar bleep which sets it searching for the introductory information on the system itself. And not the direction to install a system disk and get busy.

Or instructions to that effect, anyway.

Just that blank screen.

Panic! This electronic taskmaster has been my writing teammate for so long now I'm not sure I can compose an understandable sentence without its ability to erase, change around, delete and call back up from its memory that is usually better than mine.

With sinking heart, I hit the monitor button. That was fine. Ditto for the power surge protector.

Then I remembered that it had been used the prior night for a computer games session by someone accustomed to another system. I flipped the switch to the computer processor unit - usually untouched - and promptly got the normal operating mode.

The ensuing emotional relief reminded me again of how thoroughly, how completely, how utterly dependent we are on our electrically-powered helpmates.

Sometimes, in our case, "udderly" dependent.

Ten minutes into the evening milking one day a few weeks ago, all eight milking units simply fell off the cows udders to which they were attached. Just dropped, almost simultaneously, to the rubber cow mats on which the "girls" were standing.

This happens when the power goes off for whatever reason. But the barn lights still shone brightly overhead. And the motors which power the vacuum milking system still hummed steadily.

And - of course - the Farmer was away running equipment in distant fields. John, our long-time barn and herd assistant, and I began sleuthing possible solutions. The expected clogged filter or faulty pump didn't exist. Everything seemed to work fine, except some part of the automatic mechanism to pump the milk to the tank.

In frustration, I switched the system which pumps the milk from the lines to the tank onto manual, forcing the motor to run continuously. Voila! No more fall-off milkers. Just so the motor didn't burn out.

It didn't. Later, the Farmer showed me the culprit, a rubber ring in the pipeline system with a small flapper valve that regulates the automatic pumping of the milk into the tank. The flapper had torn loose, which they do just from normal usage, and later turned up in the wash vats.

Fortunately, a replacement was on hand for prompt repair and a return to normal for milking operations.

My housekeeping hinges on a vacuum cleaner to electrically suck up the seemingly-tons of dirt that we drag into the house. The microwave is irreplaceable for quick-prep of foods and reheating, especially since it's hard to know who will show up to eat - or exactly when.

Our phones keep us in critical contact with everyone from equipment dealers to veterinarians, and from family to feed and fuel suppliers.

But none of it works all the time - nor fails periodically to cease functioning, if from nothing else than sheer, normal, wear-and-tear. And reminds us again of our fragile dependency on mechanisms.

In gratitude and relief, I gave the computer an extra cleaning before installing the word processing program.

Kind of a thank-you, pat-on-the-back of appreciation.

I hope it understood.

Great Taste Cheese Campaign

Syracuse, NY — The American Dairy Association and Dairy Council, Inc. (ADADC) and the New York State Cheese Manufacturers Association are introducing a new and exciting cheese promotion during the holiday season, using the theme "WE'VE GOT GREAT TASTE!" The promotion begins December 9 and runs through January 27. It is open to all retail supermarkets that sell New York state produced cheese and to New York state cheese manufacturers. The purpose is to increase consumer awareness of the great taste, quality, and variety of New York state manufactured cheeses.

Increasing cheese sales is not only beneficial to dairy farmers but results in higher profits for retailers. ADADC is sponsoring both out-of-case and in-case contests for creative displays featuring New York state cheese and theme materials.

The theme materials, "We've Got Great Taste," must be prominently highlighted in the display, in either category, for the display to be considered for judging. More than 50 prizes will be awarded to the retailer and cheese representative winners for both out-of-case and in-case contests.

Each contestant will receive the free promotional kit which includes a wrap-around banner, a dairy case banner, 4-shelf talkers, and 5 New York price cards to use for the creation of the displays. And, to add to the excitement, each contestant will also receive a deck of animated cow playing cards just for entering.

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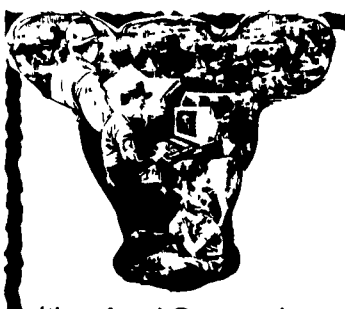

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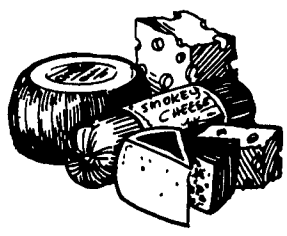

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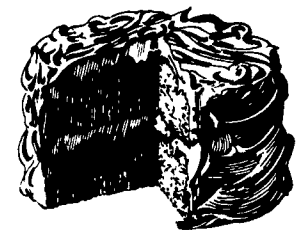


Gifts From The Kitchen

It's that time of the year when thoughts focus on sharing special feelings with friends and family. There's no better way to express these sentiments than with home-baked gifts.

When preparing baked goods to give as gifts, choose recipes that have a festive look and are pleasing to most palates.

Create additional holiday baking fun by inviting children to participate in the creative process. Many tasks, such as measuring ingredients, rolling dough and decorating, can be delegated to children with some supervision. These activities can also be used to teach valuable lessons about counting and fractions.

The finished confections will taste all the sweeter for the extra dash of love and care that went into their preparation.

BAKED CARAMEL CORN

1 cup butter
½ cup corn syrup
6 quarts popped popcorn
2 cups firmly packed brown sugar
1 teaspoon salt
½ teaspoon baking soda
1 teaspoon vanilla

Melt butter in saucepan. Stir in brown sugar, corn syrup, and salt. Bring to a boil, stirring constantly. Boil without stirring for 5 minutes. Remove from heat. Stir in baking soda and vanilla. Gradually pour over popped corn, mixing well.

Turn into 2 large shallow baking pans. Bake in 250 degree oven for one hour. Stir every 15 minutes. Remove from oven. Cool completely.

Break apart and store in airtight container.

Michelle Ryan
Dauphin Co. Dairy Princess

PING PONG CANDY

Boil together in electric frying pan:
2 cups molasses
2 cups sugar
2 cups milk
2 sticks butter

Boil over medium heat for about 30 minutes. Add 1 cup black walnuts and 2 teaspoons vanilla. Pour into buttered 8x8-inch pan. (The syrup looks curdled). Cool. Cut into squares and wrap in wax paper.

Cordelia Wolfe
Seven Valleys

HOLIDAY RUM TORTE

Cake:
1½ cups all-purpose flour
1½ teaspoons baking powder
3 eggs
1¼ cups sugar
¾ cup milk
¼ cup butter
1 teaspoon vanilla extract

Filling and Frosting:
2 cups whipping cream
2 tablespoons confectioners sugar
2 tablespoons almond liqueur
¾ cup whole-milk Ricotta cheese
½ cup light rum, divided
1-ounce square semi-sweet chocolate, divided
¼ cup chopped toasted almonds
Chopped candied fruit, if desired
Finely grated chocolate, if desired

Preheat oven to 350 degrees. For cake, combine flour and baking powder; set aside. Beat eggs in small mixer bowl until thickened, 4 to 5 minutes. Reduce speed to medium and gradually add sugar, beating until lemon-colored, about 5 minutes. Add flour mixture to egg mixture. Beat until combined. Heat milk and butter in small saucepan until butter melts. Add to batter, beating until combined. Stir in vanilla. Pour batter into well-buttered jelly roll pan. Bake 15 to 20 minutes. Cool cake in pan on wire rack for 10 minutes. Loosen sides and remove; cool completely. Cut cake vertically into 3 pieces, each 10x5-inches.

For filling and frosting, combine whipping cream, sugar, and liqueur in large mixer bowl. Beat until almost stiff. Add Ricotta and beat until smooth. Place one cake layer on serving plate. Sprinkle with ⅓ of the rum. Spread with about 1 cup whipped cream mixture. Sprinkle with ½ grated chocolate. Repeat with next layer. Top with last cake layer. Sprinkle with remaining rum. Frost top and sides of cake with remaining frosting. Press almonds onto sides of cake. Pipe any remaining whipped cream mixture through a pastry tube with a fluted tip along top edges of cake. Refrigerate at least 4 hours or overnight. Just before serving, sprinkle candied fruit down center of top of cake. Dust fluted frosting lightly with chocolate. Slice and serve.

MAMMA

Easy on the cook, this fabulous Holiday Rum Torte can be made ahead, frosted, and frozen. The whipping cream and Ricotta cheese frosting survive the rigors of freezing unscathed.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

December
14- Holiday Cookies
21- Fireside Treats
28- Ideas For Leftovers

January
4- Lo-Cal Recipes

CARAMEL MINI-POPCORN BALLS

24 squares vanilla caramel candies
1 tablespoon water
5 to 6 cups popped popcorn

In large mixing bowl, place unwrapped caramels and water. Microwave on high for 1 minute. Stir. Continue microwaving on high, stirring every 30 seconds, until caramels are melted. Add popcorn; toss until well coated. Wet hands; shape mixture into 2-inch balls. Wrap each popcorn ball in a sheet of crystal clear plastic wrap. Makes 18 popcorn balls.

HOLIDAY SNACK MIX

3 cups cinnamon toast cereal
2 cups chocolate bear-shaped graham snacks
2 cups peanuts
1½ cups red and green candy-coated chocolate pieces

In large mixing bowl, combine cereal, graham snacks, peanuts, and chocolate pieces. Pour mixture into container with lid. Makes: 16 to 18 servings.

For an instant gift, top a jar of holiday snack mix with a spectacular plastic wrap bow. Place snack mix in clear containers with lids and decorate lids.

(Turn to Page B8)

Featured Recipe

Cheese, a nutritious, delicious food, is available in countless shapes, sizes, and flavors. To help consumers make cheese choices, the American Dairy Association has produced The Complete Cheese Handbook. This colorful, 20-page booklet offers a variety of information, including a cheese lover's guide to selection, tips for choosing and storing cheese, cooking guidelines for a variety of cheeses (including low-fat), suggestions for designing a cheese board with taste and visual appeal, cheese nutrition information, and tasty cheese recipes.

For a copy of the booklet, send a self-addressed, stamped envelop to Complete Cheese Handbook, Dairy and Nutrition Council Mid East, 3592 Corporate Drive, Suite 114, Columbus, OH 43231.

Here is a recipe from the booklet.

CHEESY MUSHROOMS

24 mushroom caps, about 2 inches in diameter
Fresh lemon juice
Melted butter
¼ cup crushed herb-seasoned croutons
1 egg
½ teaspoon red pepper sauce
1½ cups shredded Monterey Jack cheese
1½ cups shredded Cheddar cheese
⅓ cup minced green onion
⅓ cup minced green pepper
2 tablespoons chopped pimento, drained

Preheat oven to 400 degrees. Carefully scoop out stem of mushrooms. Dip caps in lemon juice, then melted butter. Place hollow sides up on baking sheet. Sprinkle with crushed croutons. Combine egg and red pepper sauce in small mixing bowl. Beat until thick and lemon colored, about 3 minutes. Stir in cheeses, onion, green pepper, and pimento. Place about 1 heaping tablespoon cheese mixture in each mushroom cap. Bake 10 to 12 minutes or until cheese is melted. Serve immediately.

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

MAKE THE MOST OF YOUR TIME IN DECEMBER

How you manage your time during bust periods such as the holiday season may make the difference between holidays with periods of stress and frustration or which provide an enjoyable change of pace. Most of us look forward to the added excitement which comes with this time of year, but all too often we reach a point where fatigue and the "too much to do" syndrome take away from the joys of the season.

While no one has invented the twenty-nine hour day, you can accomplish more in the time you do have by following some of these guidelines.

Plan Ahead and Set Priorities

Carefully think through all the things you must and all the things you might do this holiday season.

The first thing to do is think about your goals — what you want to accomplish. Two types of goals probably come to mind — one centering on activities, family and friends, church and community. The other includes all the organizational and housekeeping chores. Decide which is most important — cleaning the back of the refrigerator or joining in the family fun — and keep your top priorities in mind.

Plan Backwards to Meet Your Deadlines

Sometimes it is easier to "Plan Backwards" when you have a tight schedule with firm deadlines. List the dates when things need to be finished — parties, gifts to be made, packages and cards to be mailed, shopping to be dome. Then decide how long it will take to accomplish each of these projects and fit blocks of time for these special projects into your calendar of on-going activities. Then you will know if you have to start on December 5 or can wait till the 15th to begin your preparations.

Use a Check List

An easy way to keep from forgetting things is to write down everything you need to do. Check each task as you complete it.

Get Organized

It is always helpful to be sure you have the necessary supplies and tools on hand. Check your stock of gift wrap, ribbon, tape, mailing materials and cards or labels before you settle down to a package wrapping session. Check on your food inventory, too. Many holiday recipes use spices and other ingredients not used on a daily basis, so take stock before you begin your cooking sessions.

Use a Master Calendar

Schedule all the activities in which you and your family expect to participate. Write dates, times, and locations on one calendar to reduce conflicts and extra trips.

Extra Hints

Maintain some balance. Allocate some time to work and some to rest. Alternate quiet with active activities. Prepare for the unexpected. Get a few extra all-purpose gifts. Do as much ahead of time as possible and enjoy the festive season!

Impact Of Saturated Fat On Blood Cholesterol

WASHINGTON, DC — Individuals respond to dietary cholesterol in different ways. Some experience an increase in blood cholesterol while others experience no significant change at all. In fact, most person's blood cholesterol level is not significantly changed by dietary cholesterol intake.

An 88-year-old man recently made headlines because he habitually ate 25 eggs per day, not exactly "normal" intake. The man maintained a normal blood cholesterol level (150/200 mg/dl) and there were no other medical problems apparent. Researchers at the University of Colorado found that despite this unusually high cholesterol intake he maintained a normal blood cholesterol by absorbing and manufacturing less cholesterol.

While eating 25 eggs per day is highly unusual, most people (an estimated two-thirds of the population) who consume more reasonable amounts of cholesterol respond in similar ways. Scientific studies show that only about half of the cholesterol that we eat is absorbed, and as dietary cholesterol intake increases even less is absorbed. A high-fiber, low-fat diet also reduces cholesterol absorption. Other studies show that most of us produce less cholesterol when more dietary cholesterol is consumed. In other words, the body automatically responds by striking a balance.

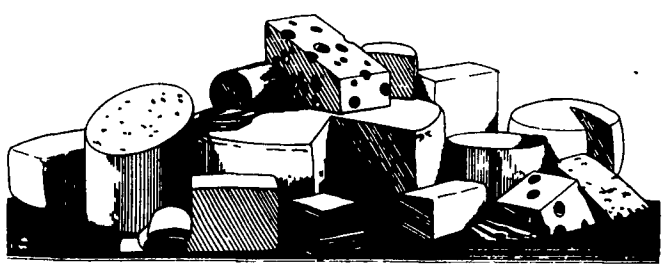
Saturated fat, on the other hand, influences the blood cholesterol in a totally different manner. When saturated fat widely distributed in the food supply is consumed, it causes the body to create more cholesterol, hence increasing blood cholesterol levels. As a whole, we consume too much saturated fat, about 50 percent more than is recommended. On average, this results in a 13-14 mg/dl increase in blood cholesterol levels.

What Does This Mean?

The fact that one person can eat 25 eggs per day and maintain a normal blood cholesterol level does not mean that you can eat whatever you want! It is simply an individual case which supports research that dietary cholesterol has a minor impact on blood cholesterol because of the mechanisms that regulate it. It is still important to choose a healthful diet low in fat and saturated fat. Most dietary guidelines recommend no more than 30 percent of calories from total fat and less than 10 percent from saturated fat. Select a variety of low-fat foods, including lean meats, fish, poultry, eggs, reduced fat dairy products, fruits and vegetables, and whole grains and cereals. Go easy on added fats, sweets, alcohol, and fried and salty foods.

Moderation is the key to any successful diet. You should personalize your diet so it can be followed for a lifetime. Don't eliminate the foods you enjoy the most, just consume them less frequently in smaller servings. Especially if your favorite foods are high in fat and saturated fat. If you're not sure how much fat you're consuming, read the label! Food labels provide nutrient information on a per-serving basis so watch your serving size.

For more information about how eggs fit in a healthful diet, send a self-addressed, stamped envelope to the Egg Nutrition Center, 2301 M St., N.W., Suite 405, Washington, D.C. 20037.



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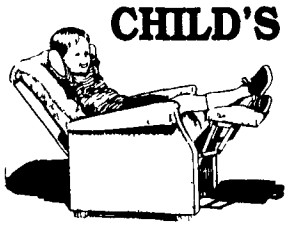

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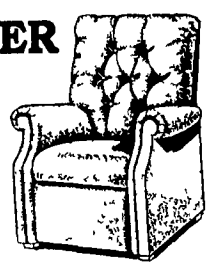

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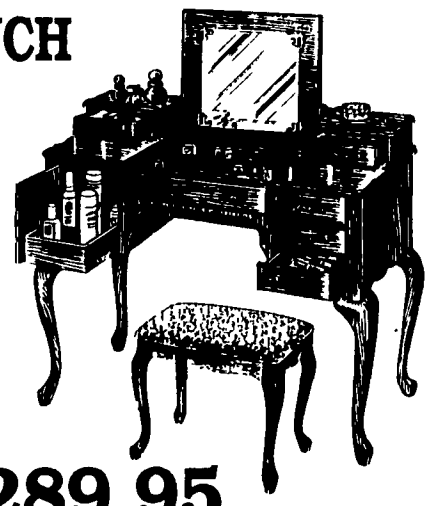

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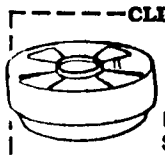

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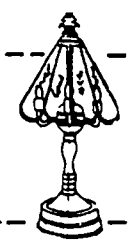

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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Nancy Kramer, Newmanstown, would like low cholesterol and low sodium recipes for restricted diets.

QUESTION — Becky Nelson, Dresher, would like a recipe for George Washington cake. She recalls that it has a pie crust base, cake with a mild spice center and chocolate icing.

QUESTION — Janet Speck, Hopewell, N.J., would like a German recipe for pickling pigs feet in a gallon jar.

QUESTION — A Glen Rock reader would like a recipe for dill green tomatoes.

QUESTION — Beth Coyne, Downingtown, writes that she has a Chambers stove from the early 1950s. Its features include a soup well and a broiler/griddle. She would like information on parts and operating instructions. Send name and address only.

QUESTION — Debbie Hinton, Dayton, Va., is looking for a cherry leaf mold and other fancy pastry molds or ideas. If you can help, please contact Carl E. Allman Sr., Rt.1, Box 277, Dayton, Va. 22821.

QUESTION — Blanche Morgan, Hegins, would like a recipe named The Cake of the Year, which appeared in a woman's magazine in the late 1940s or early '50s. She recalls that it was an easy recipe with mostly 1 cup, 1 teaspoon and 1 tablespoon measurements.

QUESTION — Marian Mosemann, Lehighton, would like jam and jelly recipes for ground cherries and for American persimmons.

QUESTION — Mrs. Lewis Kofron, Claymont, De., would like a recipe for rice dressing used for Cornish hens.

QUESTION — G. Snyder, Mechanicsburg, would like recipes for Cashew Nougats and for Peanut Butter Nougats that taste like those made by Archway and sold in the stores during the Christmas holidays.

QUESTION — James Everich, Allentown, N.J., would like a recipe for cheese stuffing.

QUESTION — Janice Toleno, Allentown, N.J., would like the recipe for pierogies that appeared in this column within the past two years. The recipe calls for cottage cheese in the dough. Janice said that she has tried several recipes but this one was absolutely the best!

QUESTION — Louise Andrews requests a recipe for spiced, canned peaches.

QUESTION — Margaret Gockley, Mohnton, requests the peanut butter and jelly cookie recipe that appeared in this section a few weeks ago.

QUESTION — Betty Loump, Bernville, would like a recipe for a good soft molasses cookie. She would also like to know the best type of molasses to use.

QUESTION — B. Smith, Jonestown, would like to know how to make baler-twine wreaths. Must the twine be washed or cleaned before making?

QUESTION — Eva Burrell, Glen Gardner, N.J., would like help with the recipe called "Believe It or Not Bouncing Snowball bouquet." The recipe appeared several years ago in this column. It uses citric acid crystals and baking soda to make mothballs bounce in a centerpiece. Unfortunately, the recipe that Eva has does not work. I recall that some others reported difficulty with the recipe. Someone said the reason was that today's mothballs are missing an ingredient that was formerly in the old style. I think the solution was mailed to us, but I can't find the answer in our files. Does anyone know the solution?

ANSWER — G. Snyder, Mechanicsburg, requested the recipe for Joe Paterno's wife's orange bread, which won first prize in a contest. Thanks to Fern Freeman, Elliotsburg, who sent a recipe for Mrs. Joe Paterno's orange cake, which was a national winner in the Tailgate Favorite Football Families Contest.

Mrs. Joe Paterno's Orange Cake

1 large orange
1 cup raisins
⅓ cup walnuts
½ cup vegetable shortening
1 cup sugar
2 large eggs
2 cups flour
1 teaspoon baking soda
1 teaspoon salt
1 cup milk

Squeeze ⅓ -cup juice from orange; reserve for topping. Remove seeds from orange, place unpeeled orange, raisins, and nuts in blender or food processor; process until finely ground. Set aside. In large mixer bowl, cream shortening and sugar; beat in eggs. Combine flour, baking soda, and salt. Add to creamed mixture alternately with milk. Fold orange-raisin mixture into batter. Spread batter in a greased and floured 13x9x2-inch baking dish. Bake in preheated 350 degree oven for 40 to 50 minutes. Cool 10 minutes.

Orange Nut Topping:

⅓ cup sugar
¼ cup chopped walnuts
1 teaspoon ground cinnamon

Drizzle reserved ⅓ cup orange juice over warm cake. Combine sugar, walnuts, and cinnamon, sprinkle over cake. Garnish with whole walnuts and orange slices, if desired.

ANSWER — Cissy McKeon, Birdsboro, had lost her mother's recipe for making pearl tapioca pudding in which the pearls were soaked for a number of hours before being mixed with other ingredients and baked in the oven. Thanks to Naomi Becker, Walnutport, for sending a recipe that is an old family favorite. She said when her mother died, she had to get the recipe from her aunt since her dad was so fond of the tapioca pudding. Also, thanks to Suie Trimble, New Providence, who sent a recipe that she said is a very good recipe although the directions are different from those Cissy remembers.

Pearl Tapioca Pudding

Wash and soak ¾ cup small pearl tapioca in 2 cups milk overnight. When ready to bake, add 2 cups milk, ⅓ cup sugar, pinch salt, 1 teaspoon vanilla. Bake 1¼ hours at 325 degrees, stirring every 20 minutes. After removing from oven, cool slightly and add 1 pint heavy cream.

Small Pearl Tapioca

4 cups milk
½ cup small pearl tapioca
Pinch salt
1 egg, beaten
⅔ to ¾ cup sugar
1 teaspoon vanilla

Combine milk, tapioca, and salt (heat milk before adding tapioca to shorten stirring time). Cook 20 minutes until tapioca is clear, stirring constantly. Mix eggs, and sugar with ½ cup tapioca mixture. Add to hot mixture. Cook one minute longer, add vanilla. Cool, if desired.

ANSWER — Anne Van Allen, Woodbine, Md., wanted a recipe for hermit cookies similar to those made by Friehofer Bakeries. Thanks to Fern Schlegel, Dalmatia, for sending a recipe.

Hermit Cookies

1 cup shortening
2 cups brown sugar
2 eggs
3½ cups sifted flour
1 teaspoon baking soda
1 teaspoon cinnamon
½ teaspoon nutmeg
¼ teaspoon cloves
½ teaspoon salt
2 teaspoons instant coffee
¼ cup water
1½ cups raisins
1 cup chopped dates
1 cup chopped raisins

Cream together shortening and sugar.

Add eggs, beat well. Sift together flour, baking soda, spices, salt, and instant coffee alternately with water to cream mixture. Stir in fruit and nuts. Drop by teaspoonfuls on lightly greased cookie sheet. Bake in moderate oven 375 degrees for 12 to 14 minutes. Cool slightly. Remove to cooling rack. Makes about 72 cookies.

Kitchen

(Continued from Page B6)

PEANUT BUTTER FUDGE

3 cups sugar
1 cup plus 2 tablespoons light cream OR half and half
½ cup smooth peanut butter
2 tablespoons butter
1 tablespoon vanilla extract
Chopped peanuts, if desired

Combine sugar and cream in 2-quart heavy saucepan. Cook over low to medium heat, stirring occasionally; to soft ball stage. Remove from heat. Cool at room temperature, without stirring, until lukewarm. Beat in peanut butter, butter, and vanilla until smooth and glossy. Pour into buttered 9-inch square pan. Press chopped nuts into top. Cool, then refrigerate. Cut into squares. Store in airtight container in refrigerator until ready to package as gifts. Will keep 3 weeks. Yields 3 dozen pieces.

Carrie Bryant
Wayne Co. Dairy Princess

CRISPY SNACK MIX

Preheat oven to 200 degrees
2½ cups chow mein noodles
1½ cups sesame snack sticks
1½ cups salted cashews
¼ cup butter, melted
¼ cup soy sauce
1½ teaspoons garlic salt

In a large bowl, combine noodles, sesame sticks, and cashews. Mix thoroughly. In a cup, mix together butter, soy sauce and garlic salt. Pour over dry ingredients. Stir until all pieces are coated.

Spread onto buttered baking sheet and bake for 15 minutes, stirring the mixture every 5 minutes.

Cool thoroughly on double thickness paper towels to absorb excess butter. Place in plastic bags and tie a ribbon around the top.

Betty Light
Lebanon

BUTTERY TOFFEE

2¼ cups sugar
1 teaspoon salt
½ cup water
1¼ cups butter
6-ounces semi-sweet chocolate pieces
1 cup chopped macadamia nuts

Combine sugar, salt, water, and butter in 3-quart heavy saucepan. Bring to a boil over medium heat, stirring frequently. Continue cooking, stirring frequently to hard-crack stage. Immediately pour into a buttered jelly roll pan and spread evenly. Cool until firm. Melt chocolate and spread evenly over top of candy; sprinkle with nuts. Chill until chocolate is set. Break into bite-size pieces. Store in airtight metal container in cool place until ready to package as gifts. Will keep up to 3 weeks.

Carrie Bryant
Wayne Co. Dairy Princess

STRAWBERRY YOGURT CHEESE SPREAD

1 cup plain yogurt
2 tablespoons of all-fruit strawberry jam

Place a metal strainer in a bowl that is deep enough so that the strainer does not reach the bottom.

Place coffee filters in strainer. Empty the yogurt into the coffee filter and place plastic wrap over the top. Refrigerate overnight. The next day, throw away the liquid that gathered in the bowl. Remove drained yogurt from coffee filter, place into small bowl and stir in the jam. Place in decorative jars. Tie ribbons around jars and give to friends to use on toast, bagels, and muffins. Store in refrigerator.

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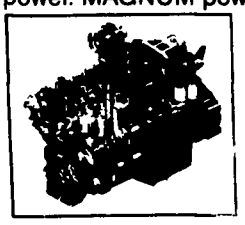

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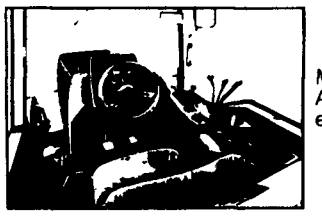

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Kid's Korner

Festive Foods For Children To Make

BETH WHITMAN PITZER
G.H.E. M. Ed.
Cumberland Co. Correspondent

SHIREMANSTOWN (Cumberland Co.) — Hey, kids, this is the season to help your mom in the kitchen.

Maybe you are too young to make these recipes by yourself, but you can measure some of the ingredients for your mom, place muffin cups in pans, and watch muffins and cookies bake.

You might even want to lick the mixing bowl or wash the dishes. One thing you will want to definitely do is sample the things you bake with a cold drink of milk.

Watch out that you don't eat too many sweets during this holiday season.

Did you know that Americans have become more and more aware of how to include healthy foods in their diet. For example, over the past few years the amount of fat in the "average" American diet has decreased from 44 to 46% of calories to 34 to 35% of calories. That's quite an accomplishment.

During the holiday season, it's easier to let good habits slide because of traditions we've established over generations and generations. Here are some new, nutritious foods that follow dietary guidelines and may be a lot of fun to try during the holidays.

The first idea takes a traditionally sugar-loaded cupcake and replaces it with a pumpkin cupcake. They will smell good while baking and taste great, too! Serve them unfrosted for a nutrient-plus dessert. The pumpkin is high in vitamin A and the raisins add iron.

Pumpkin Cupcakes

Makes 24 cupcakes.

Per cupcake: Calories, 140; Total fat, 6 grams; Saturated fatty acids, 1 gram; Cholesterol 34 milligrams; Sodium 132 milligrams.

1½ cup whole-wheat flour
1 cup all-purpose flour
¾ cup sugar
2 tablespoons baking powder
2 teaspoons ground cinnamon
½ teaspoon ground nutmeg
¼ teaspoon salt
3 slightly beaten eggs
1 cup skim milk
½ cup oil
1 cup canned pumpkin
¾ cup chopped raisins
1 tablespoon vanilla

Preheat oven to 350° F.

Place 24 paper baking cups in muffin tins.

Mix dry ingredients thoroughly.

Mix remaining ingredients; add to dry ingredients. Stir until dry ingredients are barely moistened.

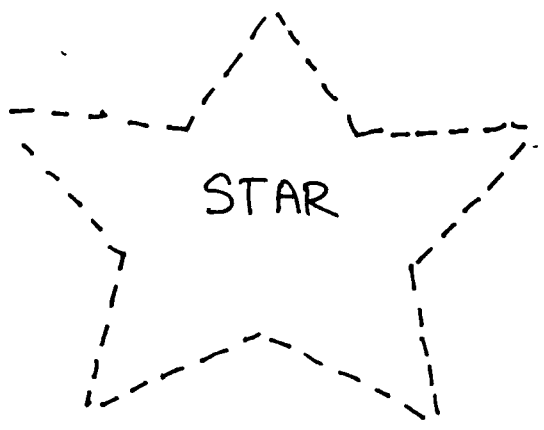
Fill paper cups two-thirds full.

Bake about 20 minutes or until toothpick inserted in center comes out clean.

Remove from muffin tins and cool on rack.

Freeze cupcakes that will not be eaten in the next few days.

One cup milk is needed for the cupcakes.

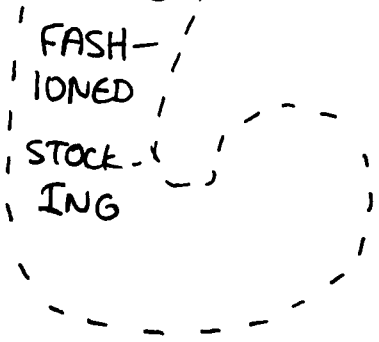


Christmas Fruit Kabobs

Ingredients needed: Paper, markers, scissors, glue to decorate. Wooden skewers. Variety of colorful fruit, drained and cut into pieces: Apples, pears, peaches, apricots, oranges, mandarin oranges cut to make colorfully-decorated kabobs.

Use the patterns on this page to cut and decorate holiday shapes out of construction paper. Use scraps of brightly colored paper and markers to decorate the cut-outs. Glue carefully onto dull end of skewer.

Wash hands thoroughly for the next part. Then spear bite-sized pieces of fruit onto the wooden skewers. They'll be colorful, nutritious, and something most kids enjoy making.



Exercise

One last idea for the holidays involves health for children through physical well-being. Stephen G. Rice, Ph. D. of the University of Washington defines health as a positive state of physical and mental well-being. His perspective is that physical activity is the key that leads to fitness. In the 1960s, play was spontaneous. Children just knew when they were tired. In the 90s, play seems to be less available.

Have fun, participating in the exercise as a family, and enjoy a sense of freedom in the activity you choose. A walk on a crisp cool day or a walk in the snow are just two suggestions. You're only limited by your own creativity. Best wishes for a happy, healthy holiday season.

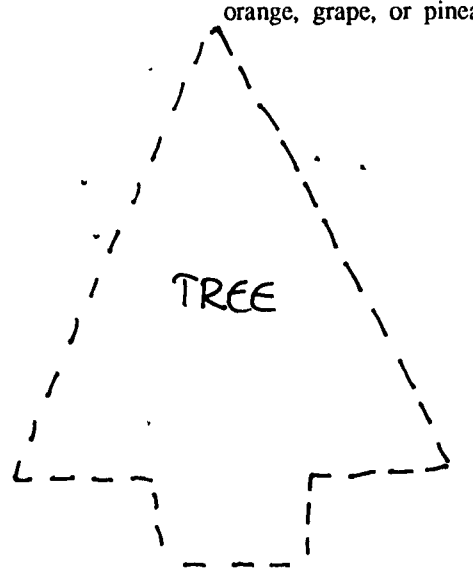
Katie Pitzer, age 10, puts finishing touches on a Christmas Fruit Kabob.

At a recent teleconference, "Working Together for Healthy Children", sponsored by Dairy Council Inc., it was emphasized that most children need to include more fruits, vegetables, and grain products in their choice of foods. Here's another easy idea for kids of all ages help make and drink while they're home from school over the holidays.

Cranberry Fizz

Choose bottled or frozen juice such as: Cranberry, strawberry-apple, cranapple, or peach
Seltzer water

Thaw frozen juice or use chilled bottled juice. Add seltzer water instead of tap water. This will give a fizz to the fruit juice and is more nutritious than soda. Try after the holidays -with other juices like orange, grape, or pineapple!



Ida's Notebook

Ida Risser

Pictures, pictures everywhere. There are entirely too many to hang in our new home. So I've packed several boxes, after carefully wrapping the frames, and will store them.

Over the years we receive pictures of the ten grandchildren as they grow. There are pictures of sisters, parents and grandparents. Where to put them is the question.

With our first child we started a tradition of taking photos to use as a Christmas card. And, over the years it was a wonderful record of our six children's growth. Some people have saved these and then returned them to me so that I have several complete sets of those 25 years.

One picture that we hung is a "hair" design. My grandmother's hair and her sister's hair were used in an artistic arrangement and put in a gold frame. Another unusual frame holds a picture of my mother at age five holding her favorite doll.

I've also acquired pictures of other families and have tried to contact them in order to return the studio photographs. But I have not had success. There are many pictures of my mother's school teacher, Ida Eby, and her family stored away in a trunk. Often folks will say that they will come for pictures but never do and I hate to throw them away.

One picture that I'd like to find is an expensive aerial photo that was taken of our farm. It seems that it has vanished into thin air and I'll probably be quite surprised when it is eventually discovered in some unusual place. But until then, I'll ask Allen to find more studs in the walls to hang four mirrors.

Although it is often considered a "rich" food, sour cream contains only 25 calories per tablespoon, compared with 99 calories per tablespoon of mayonnaise. Sour cream also provides calcium, vitamin A and riboflavin.

One glass of milk provides enough energy to walk one mile, dance one hour, play nine holes of golf, clean house for two hours or climb 196 stairs.

Tips For Using Microwave

TOASTING NUTS AND COCONUT - Place 2 to 3 cups nuts in a glass baking dish. Spread evenly. Heat uncovered for 2 minutes; stir. Heat 1 minute, stir. Heat an additional minute or until nuts just begin to turn color. If you toast only ½ cup of nuts, lessen the cooking time to about 1 minute.

You can use the same procedure with 2 to 3 cups of coconut. Spread evenly, heat uncovered for 3 minutes, stirring every 30 seconds. Less coconut - less time.

* * * * *

TO SOFTEN CHEESE AND SPREADS - Most people know that cheese should be served at room temperature, we often forget to remove it from the refrigerator before a meal. A few seconds in the microwave solves the problem instantly. Be careful - 5 seconds is about the average time required - rarely leave it in longer than 10 seconds.

The microwave also softens refrigerated cheese spreads, cream cheese, peanut butter, and herb and garlic butters to an easy spreading consistency. Items stored in glass or plastic containers can be warmed in the jar after the metal top has been removed. Start with 10 seconds and increase according to the amount. Remove foil wrapper from cream cheese, place on a plate and heat for 10 to 15 seconds.

* * * * *

The microwave is an excellent medium for revitalizing stale chips, crackers and rolls. To give renewed flavor to stale corn or potato chips or pretzels, spread them evenly in a shallow dish. Heat uncovered for 1 minute. Let stand 2 minutes before serving. This also works with soggy crackers and day-old rolls. Be careful not to overcook the rolls or they will become hard as bullets. 15 seconds is right for 2 rolls, 25 seconds for 4 and 35 seconds for 6. Even very dry rolls can be revived by sprinkling with a few drops of water and wrapping them in a paper napkin before placing in the oven.

* * * * *

When warming cookies, doughnuts or coffee cakes, heat a single piece no more than 10 seconds.

* * * * *

Save the crusts or odd-shaped pieces of bread and make your own croutons and bread crumbs. First the croutons: cut 6 slices of bread into ½ inch cubes. Spread evenly in a shallow casserole. Heat uncovered 3 minutes; stir heat 3 more minutes; stir. Let stand 2 minutes.

To make bread crumbs simply place the crisped croutons in your blender and mix to the desired consistency.

* * * * *

Rather than struggle to open stubborn clams and oysters, place them on a paper towel in the oven 4 at a time for 15 seconds. Watch them carefully. When they cautiously open their shells just a crack, remove them from the oven, insert the clam knife and they will open effortlessly. This takes some experimentation. Too much heat will cook them and too little heat will not force the shells open.

* * * * *

Bacon right from the refrigerator is difficult to separate. Place it in your microwave for ten seconds and it will peel easily.

* * * * *

How many times have you tried to scoop brick hard ice cream from your freezer. To facilitate serving, place 1 pint of ice cream in its container on a plate and heat for 15 seconds. The plate prevents excessive melting on the bottom. One quart takes 30 seconds to soften. Watch carefully. Remember you just want the ice cream to soften to the scoopable stage.

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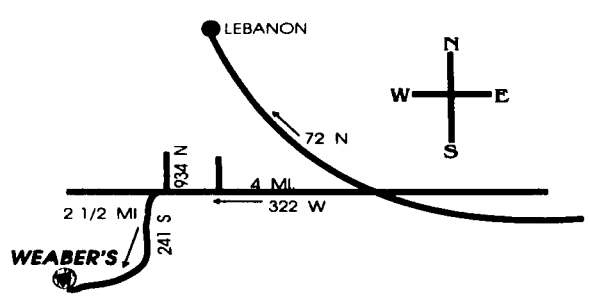

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Michelle Ryan, Dauphin County Dairy Princess, with five-year old Jersey Cow, Echo, at the Bryncoed Farm.

Adopt-A-Cow Programs Shapes Future Career

MIDDLETOWN (Dauphin Co.) — Tom and Tiz Williams own the Bryncoed Farm. It is because of their dedication to and value of youth that teens like Michelle Ryan gain a working taste of rural farm life. They support 4-H youth through their "Adopt a Cow" Program. All five youth are members of the Lower Dauphin Dairy 4-H Club. The Williams give the youth an open-door policy to come and work on the farm anytime. In addition to time and hours spent on the farm, they also support each youngster by paying for the first 4-H cow registration.

Michelle commutes 20 minutes from her home in Linglestown to the Bryncoed farm in Middletown. She's been working on the farm for seven years since she was in 6th grade. Her love of the farm and farm animals has proven to be more than a fleeting fancy. This past summer her efforts came into fruition as she became Dauphin County Dairy Princess.

Michelle is the daughter of Mary Ann and Bob Chavey of Linglestown. She became interested in the farm in sixth grade when a friend did a dairy demonstration in school. She began going to the Bryncoed Farm and the rest is history.

She has three cows: a Danish Jersey Cow, Echo; a heifer, Juanita; and a calf, Emerald. Emerald is a joy for Michelle because she is Echo's daughter. She's the first heifer calf born to one of her animals. She enjoys working with the cows and likes the Williams' invitation to come out to the farm anytime.

Michelle is a senior at Lower Dauphin High School. She attends by choice because of the agriculture program they offer. While at school she combines agriculture with her academic classes. She's presently doing an independent study at school for credit. Over the course of a year, she's compiling a summary of many different areas of the dairy industry. She's especially interested in the management portion of dairy farming.

As president of FFA, Michelle enjoys going to seminars and doing public speaking for FFA and 4-H. She's a member of the Pennsylvania Junior Jersey Cow Club for youth members of Jerseys. In her spare time, Michelle enjoys riding horses and is a member of the C.D. Young Riders 4-H Club. Every weekend she rides the horse. She enjoys helping younger kids show in the Dauphin County 4-H Fair.

The support she has received from her parents and from the Williams has helped her to decide that she'd like to be involved in dairy science and management in a few years as an adult. Her goal is to go to Penn State or to Delaware Valley College to help achieve her dream. Then she'd like to buy a dairy farm or study to become a college professor of dairy scinece.

When asked why she likes working on the farm, Michelle's answer was that she thinks farmers are well-rounded and likes the way they use constructive criticism. She admires the way the Williams are always testing new ways to do things and are always learning. Presently they own 190 milk cows and are expanding by building a new barn. She's also thankful for all of the questions they have answered about dairy farming in general because it has given her an opportunity which has shaped her dreams for the future.

Sarah Lynn Hill, Bidwell, Ohio, was crowned 1992 Miss American Angus at the 1992 National Angus Roll of Victory (ROV) Show held during the 1991 North American International Livestock Exposition in Louisville, Kentucky. The 17-year-old daughter of Paul and Lynn Hill will serve as an ambassador for the Angus breed at various national and regional Angus events. Sponsored by the American Angus Auxiliary, the Miss American Angus contest is open to the top five winners in the girl's division of the Auxiliary's scholarship contest. The top five then compete in areas of public speaking, impromptu questioning, interview, and a written test. Hill is currently studying pre-med at the University of Virginia.

Photo by American Angus Association.

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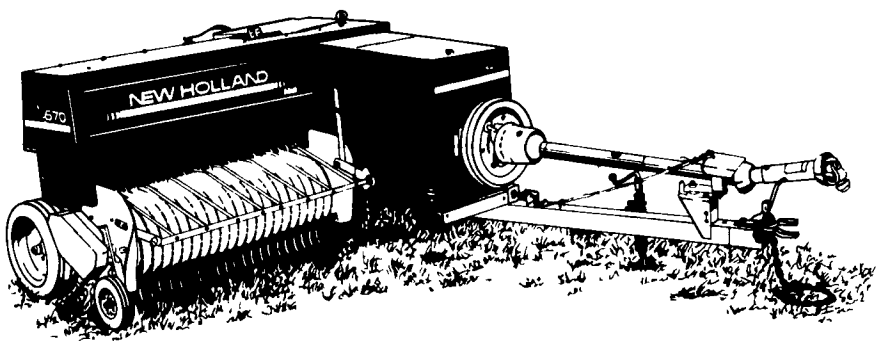

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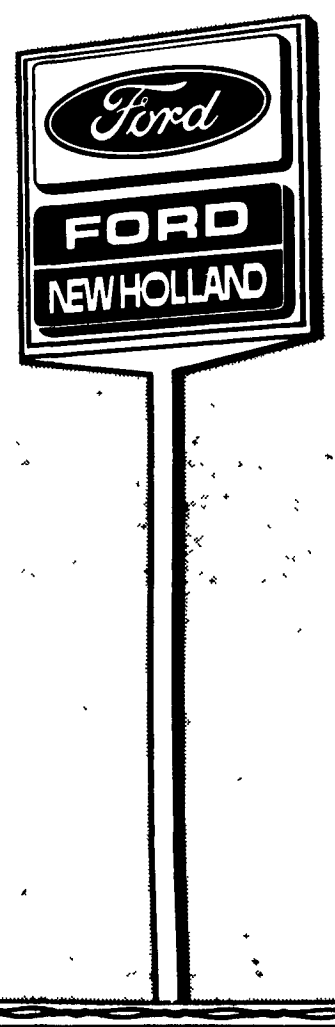

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page A1)

Section 2
Cow Testing Associations, The Early History and Development

In 1905 Helmer Rabild, a Danish immigrant, was an inspector for the Michigan Dairy and Food Commission. He organized a meeting of dairymen to discuss the formation of a cow testing association. In 1906, as a result of his plan, 31 herds with 239 cows made up the first cow testing association in the United States. In 1908 Rabild joined the USDA, Division of Dairying, to develop and extend organized cow testing on a nationwide basis. Maine and New York started associations in 1908, Vermont, Iowa, California, Wisconsin and Nebraska in 1909, and by 1929 all states had cow testing associations.

Pennsylvania began organizing in 1910 when a group of 20 dairymen in Chester County started the Brandywine testing association. In 1913 Bradford County organized, in 1914 Washington County, and in 1915 Lycoming, Susquehanna, Warren, Allegheny, Mercer, and Cumberland Counties. In some counties where cow numbers were not as great, milk testing clubs of six or eight dairymen were formed. They weighed the milk, kept daily records, and once each month took a sample from each cow to a Farm Bureau office or other designated location and had it tested for fat content.

In 1914 the Smith-Lever Act established Cooperative Extemion. County Agents, State Extension Specialists, Federal Extemion, along with interested dairymen gave the records program local control and national exposure, as well as increased stability and uniformity. In 1924 the Dairy Records Committee of American Dairy Science Association (ADSA) stimulated active interest in formulating rules and procedures to promote greater uniformity and effectiveness of testing throughout the United States. In 1925 a set of uniform rules for cow testing was adopted by ADSA. In 1926 it was recognized that the name Cow Testing Association did not adequately define the full function of the organization. ADSA suggested the name of Dairy Herd Improvement Association (DHIA), which was officially adopted in 1927. At the same time the committee urged that employees be referred to as DHIA Supervisors rather than cow testers.

From 1910 to 1920 many counties in Penmylvania formed cow testing clubs and associatiom. Early Dairy Specialists E. B. Fitts and Roscoe Welch, along with County Agents, were involved in promoting production testing, and their efforts and results are documented in the County Extension Annual Reports from that period. In 1921 Penn State intensified its effort to build a stronger educational program by hiring a full-time person to summarize production and feed records of dairymen whose herds were on test.

Iver Oleson Sidelmann, a Danish immigrant schooled at the Royal Agricultural College in Copenhagen, had worked at developing cow testing programs in Denmark. He saw an announcement in the paper for a person to go to Poland to organize and conduct dairy testing. He left college and went to Poland, and from there he moved on to Russia, Finland, Sweden, England, Scotland, Iceland, and Holland. He had, by this time, become involved in marketing dairy cattle. World War I effectively shut down his marketing business, and he came to the United States hoping to carry on his enterprise. The advent of Hoof and Mouth disease in Europe destroyed his import business plans, and he rekindled his first interest in dairy testing. While at Penn State he remained involved at the international level as an interpreter for the Worlds Dairy Congress. He spoke 9 different languages and dialects. From 1921 until his retirement in 1946, his sole responsibility was to summarize production records. He traced Pennsylvania records back to the year 1910, which provided a yearly summary of DHIA since its beginning.

In 1923 Charles Gearhart became the first Extension Dairy Specialist in PA to devote full time to an educational program utilizing records from DHIA. He assisted County Agents and dairymen in organizing and managing new associatiom. Gearhart was very personable and a master educator, and his presence at Penn State brought a burst of energy and direction to the DHIA program. His appointment coincided with the 1924 efforts by ADSA and the National Dairy Records Committee to give more visibility to the value of records as a management tool for dairymen.

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The goal of producing accurate production records and feed data was very important to DHIA. The success of this effort depended largely on the DHIA Supervisors. Finding supervisors was a problem, and retaining them an even larger problem. To solve these problems Gearhart started a two week shortcourse at Penn State. Supervisors were taught how to weigh and sample milk, run the Babcock Test, keep the herd books, and they learned the rules and regulations affecting records and herd tests. Upon successfully completing the shortcourse, the student was given a certificate of approval to conduct a testing program.

Six shortcourses were held each year, over a period of many years. Up to 30 supervisors would attend each shortcourse. A list of homes in State College with rooms to rent was provided to each student. Room,

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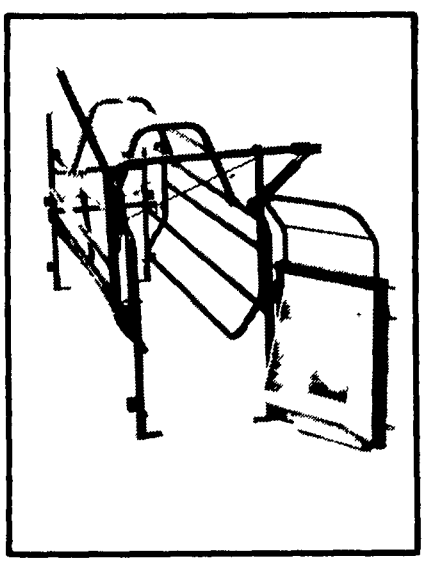

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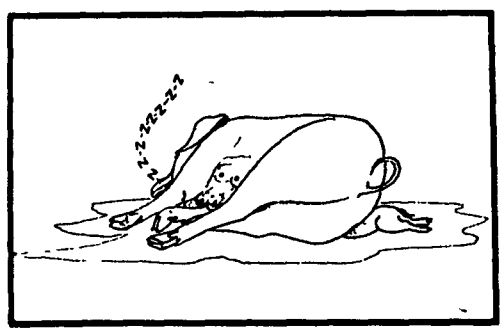

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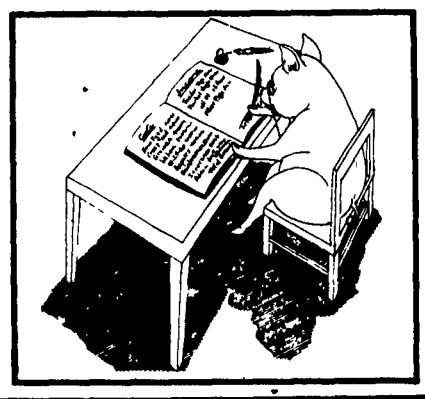

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(Continued from Page B14)

board, and travel expense was the students responsibility. In many cases they came to Penn State to gain this two week education hoping there would be a job for them someplace in the state. Often there was a wait until a position became available.

In later years an association would locate a person they were interested in hiring and would send them to Penn State for the training. This Supervisor candidate was assured of a job if he passed the shortcourse. Often his expenses were paid by the association. In recent years Supervisors are trained to perform the farm level tasks by a DHIA fieldman, and after working for a short time they come to Penn State for a three-day shortcourse to be "polished."

Turnover among supervisors was high, over 50%, even in the 1960s. The hours were long and pay was low. The tester furnished his own on-the-job transportation and had to hustle to earn a gross salary of $2400 to $3500 per year. There was no hospitalization, sick days, paid vacation, or fringe benefits except for room and board. He slept in a different bed each night and ate meals with the farmer for whom he tested. On occasion he might sleep with the farmer's daughter. That was a "fringe" benefit that could result in a supervisor becoming one of the family, terminated, or both.

Testing of the samples and working on the herd book might be done at the kitchen table, in the garage, milk house, or laundry area, hot places in the summer and freezing cold in the winter. One could always tell a DHIA Supervisor by the burn holes in his pants and shirt from Sulphuric Acid used in running the Babcock Test. Numerous incidents attest to the terrible risk to an individual handling Sulphuric Acid. One Supervisor was testing samples in his own home when a young daughter pulled a beaker of acid from the kitchen table and it spilled over her head, neck, and chest, causing severe and lasting disfigurement. Another Supervisor was testing samples in a milk house. While carrying a 4/5 gallon jug of acid across a wet, slippery, concrete floor he slipped, dropped and broke the glass acid jug, and with jagged glass and acid everywhere, promptly sat down in the mess. It was not necessary to take his pants off. When he stood up they fell off, and even though a water hose was close by it was a long time before he recovered from the burns to some very sensitive portions of his anatomy.

County Agents would keep and build a waiting list of herds wanting to go on test. Some Supervisors would build an association to a level that did not permit a day off for rest, vacation, or illness. Testing was an everyday business, Sundays and holidays included. When an association became overfilled with herds and the agents waiting list long enough, a new association would be formed. It was the Supervisors responsibility to build upon this beginning herd base, since dairymen seldom believed it was their responsibility to get other herds on test.

The cost of testing in the early days is not well documented. However, in 1954 Gearhart listed the potential start-up costs to begin an association.

Individual Herd Membership Fee: $20.00

Monthly Charge depending on herd size & location: $7.50 to $12/day

Equipment & Materials: $500.00

- Centrifuge: $58.00
- Pails, Dippers, Scale: $75.00
- Disinfectant, brushes, pan: $8.00
- Acid for one year's testing: $35.00
- Calculator: $270.00
- Ear tags & punch: $13.00

Supervisor earnings were estimated at $200 to $300 per month plus room and board, and he provided his own transportation. District Association expenses were $15 to $25/year, and included costs of workmans compensation, liability, and property damage insurance. Social Security cost was 2% from the Supervisor and 2% from the Association.

Parameters were established: 30 cows (in one herd) were considered one days work; 40-60 cows (in one

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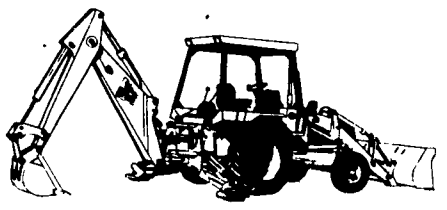
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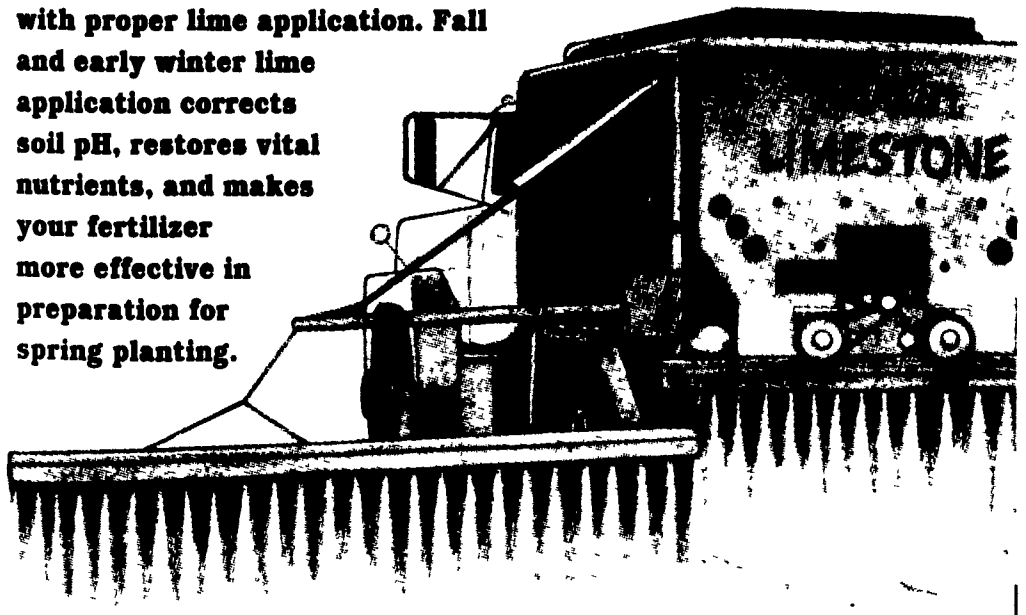

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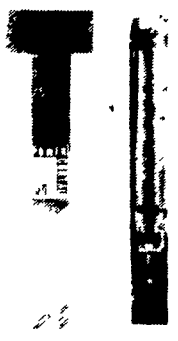
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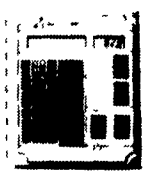
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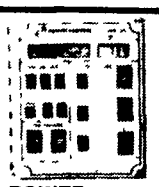
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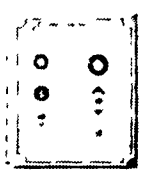
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(Continued from Page B15)

herd) were considered two days work; 80-100 cows (in one herd) were considered three days work; 27-30 herds were considered to be a full months work in most associations.

Gearhart listed the responsibilities of various parties:

A. Specialists: 1. Assist in organizing the local association and provide the herd books and all record forms. 2. Conducts short courses for training the Supervisor. 3. Acts in an advisory capacity with local directors, county agents, and supervisors. 4. Directs the yearly summary and herd analysis.

B. County Agents: 1. Determines interest for an Association and calls organizational meetings. 2. Assists in locating and starting a supervisor. 3. Advises directors, members, and supervisors. 4. Cooperates in preparation for yearly summary reports and monthly reports.

C. Directors: 1. Assumes all responsibility for conducting business of the Association. 2. Determines operating expenses and method of payment of dues and fees. 3. Employs a supervisor who is approved by Penn State.

Section 3
The Structuring of DHIA in Pennsylvania

In the early 1900s a testing club or association was, in reality, a community program. The first available listing of associations within a county was in 1926 in the PA Dairymen Association Annual Report. Each association continued to be summarized as an entity until 1958. It is not clear when the association records were combined to give a county wide summary but the late 1940s is probable, coinciding with the introduction of DHIA fieldmen. It took Central Processing of Records in the late 1950s to force a true county wide program, with one board of County Directors and one County Treasurer.

For purposes of communication and to collect Social Security, liability, and Workmans Compensation fees, the State was divided into five districts. It is not clear when this districting first began, but it was probably the early 1940s. The division into five districts was continued until the early 1980s.

In 1947 DHIA fieldmen were added. For fieldman functions, the state was divided into two parts, having a similar number of supervisors and associations in each half In 1964 a third fieldman was added and the state divided into three areas. When Earl Baum retired in 1981, the state reverted to two areas. In 1984 four areas were created, in 1985 it was increased to six areas, in 1986 it went back to five areas, and in 1989 a further realignment was made with Lancaster County becoming one area, and four areas accounting for the rest of the state.

Section 4
County Agents, Dairy Extension, and DHIA

Cow testing was started by dairymen prior to the time County Agents were hired by Penn State. In 1914 the Smith Lever Act first established the Cooperative Extension Service, and County Agents as we know them today began work.

Agents were instruments of change, taking a new or proven idea and urging others to try it. They were production oriented and believed that cow testing was a valuable management tool that would enhance the profitability of the dairy cow. The County Extension Annual Report referred to the cow testing program and

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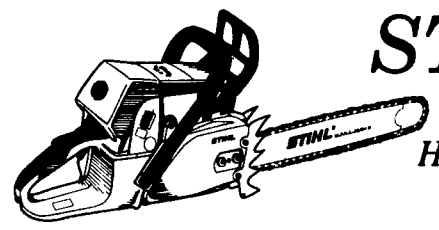
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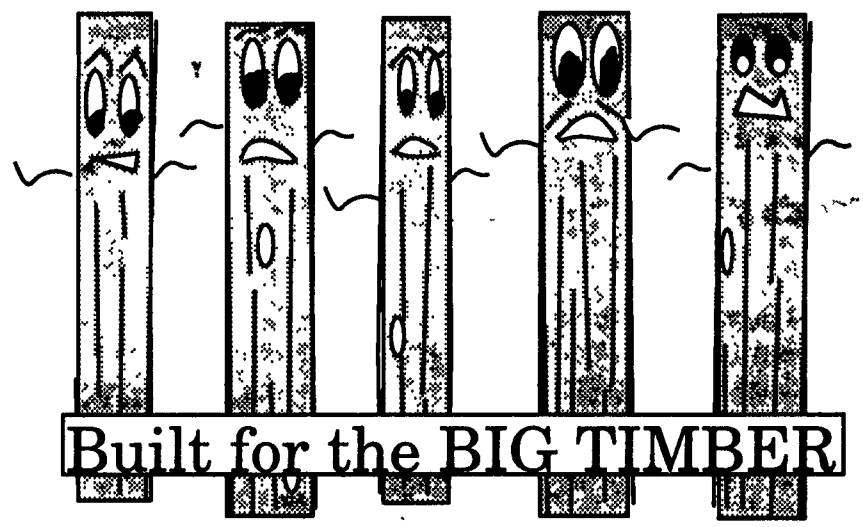

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B16)

listed production records. The Agent urged formation of cow testing associations and their numbers grew within each County, but each association was handled separately with their own board of directors and a supervisor. It is not clear when the first county-wide program began, but the last county did not name a county-wide board until April 1957. At that time PA DHIA stated it "would not recognize but one county organization with one county board of directors and one secretary-treasurer for purposes of collecting fees owed to State DHIA".

Bull rings were popular prior to artificial insemination and depended on production records for bull evaluation. Agents were advisors to members of the bull ring. In most instances the same progressive dairymen were involved with both the bull ring and cow testing and the programs complimented each other.

Agents were constantly scouting for potential Supervisors. They often took the person to Penn State for training in the DHIA shortcourse. Agents sent out notices calling the Directors together for a monthly meeting, usually held in the Agent's office with the minutes taken by his office secretary. In most cases the Extension secretary was secretary to each cow testing association, and later for the county-wide program. She typed, prepared, and sent the monthly report and the year end summary report. Even following the advent of computer summary of records in 1958, a certain amount of fine-tuning of county records was done by the Extension office to prepare for the annual DHIA meetings. All the costs of secretary time, paper, mimeo supplies, and postage were absorbed by the local Extension office. The dairymen reasoned that it was their tax dollar that helped fund the office. That was true in most but not all counties.

The County Agent was of greater value to DHIA at the county level than was the Specialist overseeing DHIA They were the glue that held the program together. For years the dairyman in the local association least able to defend himself became a DHIA director. That may be true in some imtances today. It took some arm twisting by the Agent to keep a full board of directors.

Early Extension Dairy Specialists Roscoe Welsh and E. B. Fitts advocated the dairy record programs, but left the organizing and consulting leadership in the hands of the County Agent. In 1921 Sidelmann began the summary work, and in 1923 Gearhart became the specialist in charge of cow testing programs. Gearhart worked closely with the agent to increase the accuracy and reliability of records, train supervisors, enforce rules and regulations, use records to build educational programs, increase numbers of cows and herds on test, build leadership, and strengthen boards of directors. It was not an easy task. He managed DHIA by suggestion, much the same as Extension has done since he retired. Extension has never controlled DHIA, even in the beginning. Local directors did as they pleased as long as no testing rules were broken. When rules were broken it was the responsibility of the local board to take appropriate action. All Extension could do was to call attention to the problem. Supervisors were trained and approved by Gearhart, and later by Herb Gilmore, but they could not hire or fire a Supervisor. As long as the local directors would accept the quality of work the Supervisor was their employee. Problems with a dairyman or a supervisor usually could be settled to everyone's satisfaction via discussion. To say that Extension could or ever did control DHIA is a gross misstatement, and an affront to the dairy leadership involved with DHIA.

DHIA looked more and more to Penn State as the hub of organizational efforts. Perhaps this is natural since the State Specialists at Penn State held the state together much as the Agent held the county together. To reduce travel and time away from the farm, five districts were formed in the state. County associations sent directors to these meetings, held in the spring and fall each year. The business of establishing and enforcing uniform rules, testing procedures, wages, Workmans Compensation, liability, and Social Security, etc., was accomplished district by district. The State Specialist usually planned the meeting agenda based on the urgent problems of the area and the availability of new information.

As central processing and central testing was considered Penn State became more critical as the hub of operations. The State Board of Directors was formed in 1954 and all meetings were held in State College. Until recent years the Autoport Restaurant was the meeting site. Gilmore and Dexter Putnam were in effect the "managers" that DHAI could ill afford or choose to not hire. Penn State offered building space, equipment, and supplies that DHIA could not afford to purchase or rent. Even when DHIA had the treasury to do so, Penn State continued to offer the harbor that was more cost effective than starting a program off campus, and that continues to be the case in 1991.

Cooperative Extension has always had the philosophy that a program or idea should be offered to the farming public and help them to prosper. If the program required farm leadership then Extension developed that leadership, and as soon as feasible the program was turned over to the leadership to manage.

DHIA is different than most Extension sponsored programs. It crosses many lines of expertise and is used to measure progress in a multitude of disciplines. The dairyman uses the production record to cull an unprofitable cow, prove a sire, evaluate a new feeding program, or change a management practice. When Agronomy began intensive nitrogen fertilization to increase corn and grass yields, tonnage of dry matter was an early measure of success, but the final measure was its effect on milk production and the fat test. When Entomology evaluated the practical value of fly control on milk cows, the end result was measured in pounds of milk produced. When Agricultural Engineering measured the value of barn ventilation or housing conditions they determined its effect on cow comfort and health by noting changes in milk production. Extension

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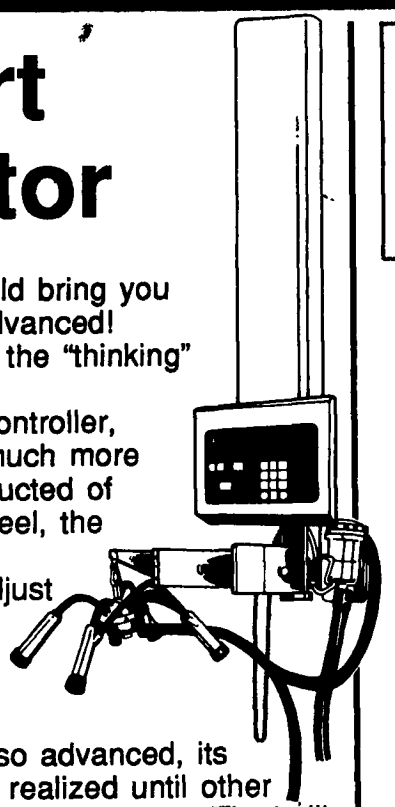

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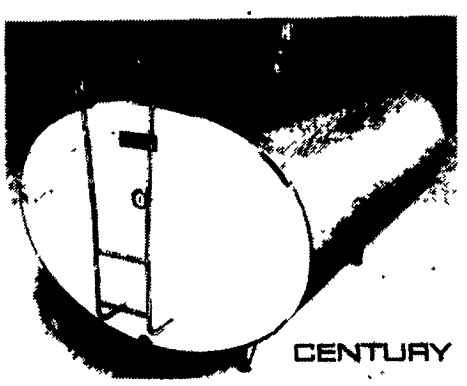

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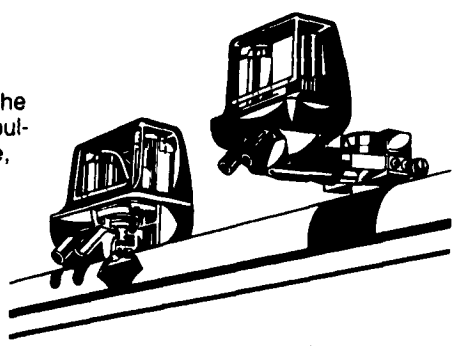

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B17)

has utilized production records as much as dairymen have. Their desire to keep this testing program viable, and the records accurate and comparable to records made in other areas of the state and nation, has required their involvement to be greater and longer than usual. DHIA was slow to develop a political or financial infrastructure that could sustain the program. Since dairying is so critical to the agriculture industry in Pennsylvania, Penn State has continued its level of interest in DHIA longer than perhaps any other production oriented program.

Self-management had been advocated for at least 25 years by Extension Specialists charged with responsibilities in DHIA records. However, it was not until the retirement of Gilmore and Putnam that the State Board seriously considered hiring a manager. An Administrative Assistant was hired in 1979 to handle the insurance, hospitalization, and retirement programs, and to work with the field staff. When Gilmore retired in 1980, Don Ace was assigned DHIA responsibility, and when Bill Heald joined the faculty in 1981 he accepted that role. At that time, Ace and Heald discussed with a receptive State Board the need to begin an active search for a full time manager. In cooperation with the Deans office a job description was developed, and in October of 1982 Phil Dukas became the first General Manager of Pennsylvania DHIA. This achieved a major goal for Extension, but it was short lived. Dukas resigned in 1984 and the State Board again turned to Extension. The Dean, with the Head of the Dairy and Animal Science Dept., named Bill Heald as Interim Manager. An immediate search began for a new DHIA manager, and in September, 1985 Dick Barth was appointed.

As the State Board began to show leanings toward a greater role in self-management responsibility, and as county leadership became more active, both County Agents and Specialists began to reduce their intensive involvement in day-to-day DHIA activities. This action prompted some adverse reactions by some people associated with DHIA. They believed that Exten-

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A History And Perspective Of The Pennsylvania DHIA Program

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sion and Penn State had dropped DHIA from its list of priorities. The increasing management role on the part of DHIA could hardly be accomplished with Extension in the foreground, but working in the background does not comtitute abandonment. The records program remains a valuable tool, the dairy leadership a valued partner, and Extension could not and cannot consider dropping dairy records from its program priorities. Administration at all levels in Penn State has always been ready to assist DHIA management in time of need, recognizing that this program and partnership must continue its symbiotic relationship if either is to accomplish its goal.

Dairy Specialists and PSU personnel involved with DHIA: I. O. Sidelmann - 1921-1946; Charles Gearhart - 1923-1955; Herb Gilmore - 1946-1980; Don Ace - 1955-1957 and 1980-1981; Dexter Putnam - 1956-1981; Darwin Braund - 1956-1960 (now with Agway Inc.); Bill Kelso - 1960-1963; Steve Spencer - 1963-1965; Larry Specht* - 1957-1960 and 1991-. *Specht first worked to overcome central processing delays. Very quickly he started using records in sire evaluation and throughout his career at Penn State has been an effective interface between DHIA, the ABC studs, and USDA sire reporting. Bill Heald - 1982-1990.

Secretaries - two were assigned to the DHIA program and their salaries were paid by Extension until 1980.

Department Heads and Dairy Extension Section Chairman: Roscoe Welsh - 1919-1948; E. B. Fitts - 1921-1937; Bob Olmstead - 1937-1954; Joe Taylor - 1954-1974; Don Ace - 1974-1984.

College of Agriculture Administrators: Dean Lyman Jackson, Director of Extension - Albrecht; Dean Russell E. Larson, Director of Extension - Patton; Dean James Beattie, Assoc. Director of Extension - Poorbaugh, Financial Officer - Sam Auker; Dean Samuel Smith, Assoc. Dean Howard Thoele; Dean Lamartine Hood, Assoc. Dean James Starling.

Penn State University Administrators: President Walker, Vice-President Patterson, Vice-President Osborn, Comptroller Erfft, University Trustees.

Section 5

Penn State University and DHIA

The partnership between Penn State and DHIA has reached far beyond the confines of its faculty and staff in Dairy Science Extension and County Extension Agents. Costs associated with printing herd books and record forms, laboratory costs related to supervisor shortcourses, and the salary and travel costs of DHIA fieldmen and office secretaries were considered a part of the ongoing Dairy Extension budget. The earliest documented concern about cost was noted by Director of Extension Albrecht in 1955 when he said "Extension funds available for testing work have not been able to keep up with the expansion of programs (he noted printed forms as an example of increased costs). The estimate of cost of IBM processing in the testing program would add 7a/cow/mo. Could the testing program be separated from the Extension group, except for the educational aspect, and thereby strengthen the program?" Biggs of the State DHIA Board responded "Dairymen need to fight their own battles and run their own organization."

Discussion of the central records processing plan began in earnest in August 1955. It was determined that if IBM processing was set up in conjunction with Penn State University the cost would be about 5¢/cow, if set up in a separate system at PSU the cost would be 7¢/cow, and if set up commercially off-campus the cost

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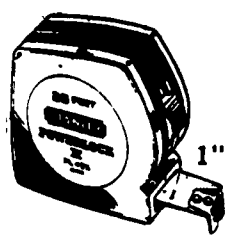

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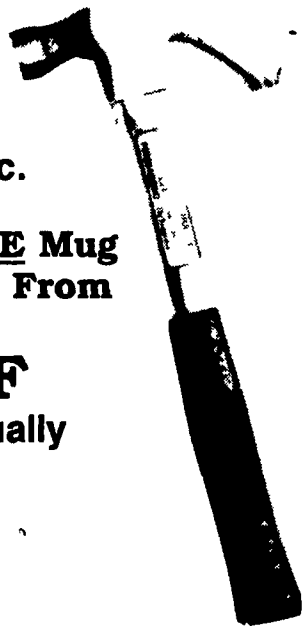

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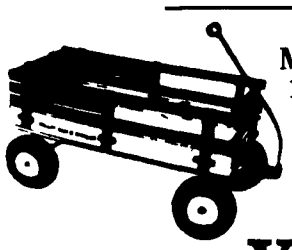

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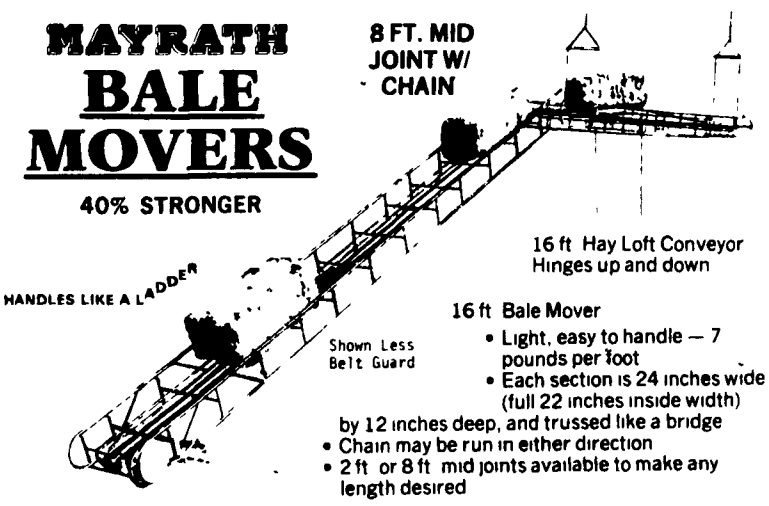

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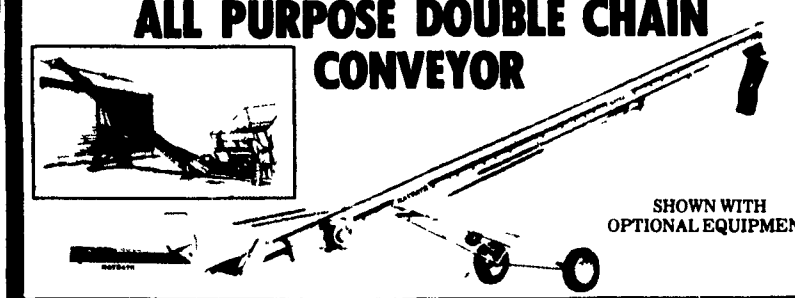

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would be 10¢/cow. A memorandum of understanding was drawn up establishing a joint venture, the funds for operation of the program to be paid by the Districts to State DHIA and then to the College of Agriculture. This was signed in December 1956, effective March 1957, with the cost per cow to be 5 cents.

PA DHIA borrowed money from PSU to get started but it is not clear how these funds were used. No interest was charged on this loan. Putnam reported in April of 1957 that $14,463 was obligated to PSU, $6,000 due for the first 2 months of operation, and none yet paid. Some records were already being processed as of March 1, and it was anticipated that all records would be processed at PSU by September 1,1957. Test data on cows came in faster than anticipated, causing processing delays. Penn State administration requested that DHIA not expand cow numbers until some of the problems were cleared up. In January 1958, DHIA was short of meeting operating expenses by approximately $40,000. In April 1958 they were short $52,211, and by July the amount grew to $61,450. The projected shortfall for the 1958-59 year of operation was $15,600 even though a new fee structure was initiated. Penn State University carried this shortfall, still with no interest charged.

From the beginning all DHIA personnel were covered on University insurance and retirement programs, first as bonafide employees of the University, and then as employees but with salary and fringe benefits paid by DHIA to the University. Even today many DHIA employees remain on the University program. In April 1960 a meeting was held with PSU to resolve some of these problems. In 1962 a new Director of Extension (T. H. Patton) said: "DHIA must assume more of its costs of operation." DHIA moved to assume payment of salaries of all record checkers. With fee increases to dairymen and grants by the AI studs, the money owed to Penn State was gradually reduced to zero. In January of 1963 DHIA started paying the salary and fringe benefit package of Carl Hollinger (fieldman), and in October the first discussion on handling surplus funds took place. Sam Auker, finance manager for the College of Agriculture, opposed any move to lower testing fees, stating: "you need more funds to hire more personnel." In January 1964 Auker noted that $45,000 was on hand and all debts to the University paid. DHIA voted a $25,000 deposit to be maintained with the University as advance payment by DHIA for services performed.

Although the University waited for DHIA funds to be generated to permit the loan to be repaid, it benefitted greatly by DHIA's presence in the Memorandum of Agreement. DHIA was using almost 80% of the computer system time, and PSU used DHIA as a reason to upgrade its computer equipment. Now Penn State was able to go beyond processing payroll and expand into student records and other functions within the University that required computer processing. Whether the benefits canceled approximately 5 years of loaning money without interest charges to DHIA and the dairymen of Pennsylvania has not been calculated, but it cannot be said that Penn State failed to support the dairy industry in a time of need.

In 1967 Central Testing of samples became a key issue. Russell Larson, Dean of Agriculture, received a request from DHIA for space, personnel, and equipment needed to start a new testing lab. Larson and others presented to PSU an estimated capital budget of $250,000 plus an operational budget of $120,000 for Central Testing of 2,000,000 samples, with the funds to come from DHIA. Osborn, V.P. for Research, agreed to present the proposal to Dr. Walker, PSU President. In September 1968 Larson said he was willing to approach the University Trustees with the plan for the University to finance a new laboratory on campus, with interest rates comparable to bank rates charged to DHIA. They estimated the laboratory could be built, amortized, and operated for 10¢/sample if 11/2 million samples were tested yearly. In September 1969 the Executive Committee, Board of Trustees, approved plans for the Central Milk Testing Lab. A memorandum of Agreement had been signed in April 1969, and a suggested earliest time of occupancy was Spring of 1970. Projected building costs were $175,000 to be amortized at the rate of $18,000 per year plus interest, with completed payments made by 1985. In January 1975, building costs plus interest totalled $211,700, of which $144,000 had been paid.

By 1976 Somatic cell count (SCC) testing was being considered and Penn State purchased the first SCC machine with research money. DHIA began using it to process samples. In April 1979, $83,868 remained unpaid on the building. By October 1979 it was decided the lab needed to be expanded. In April 1980 Don Ace, Dept. Head, Dairy & Animal Science, reported to the State Directors that Dean Jim Beattie needed an understanding of DHIA's long range intentions prior to going before the Board of Trustees with a plan for financing the new lab expansion. The Directors informed the Dean that DHIA would stay on campus. In May 1981 a contract with PSU was signed to build the lab addition at a cost of $293,320, with the loan to be carried by PSU at interest rates comparable to bank rates. DHIA advanced $50,000, and ground was broken in January 1981.

When PSU began using computers to process data, Bill Dye and his staff oversaw the operation of the machines and the input of data on punch cardsO Later, Charles Naginey of Management Services, whose responsibility it was to manage the computer system at Penn State, worked with Putnarn and DHIA on all matters related to programming, data processing, and mailing test reports. A sizable number of Naginey's staff was involved, in particular Joe Hayes, who made significant contributions to this effort. He was a Dairy Science graduate and for some years worked with his

(Turn to Page B21)

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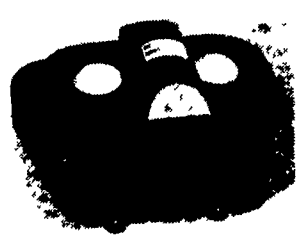

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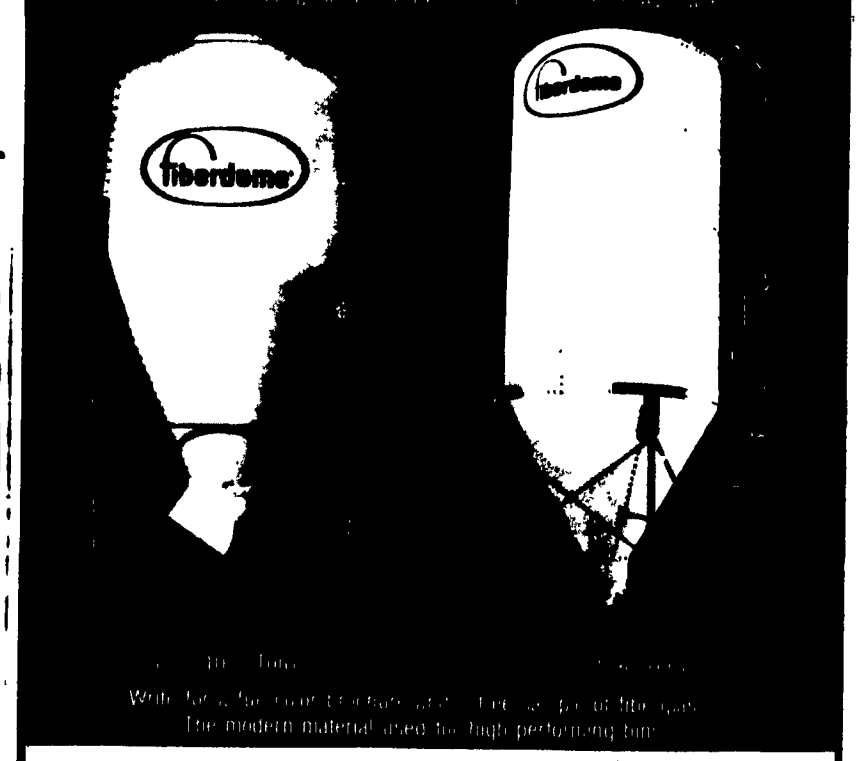

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B20)

father on a dairy farm. As a programmer, his knowledge of dairy and DHIA needs made him the leader in writing programs and perfecting them, including the ones that generated the AI reports. In later years he devoted full time to DHIA, and has since moved from Management Services to direct employment in DHIA.

While DHIA has paid Management Services for computer time and expertise, they have played a critical role in the successes of records reporting. As DHIA has enlarged and perfected its own computer system, the affiliation with PSU and Management Services is being phased out.

The interaction among the highest level officers of PSU, the College of Agriculture, the Department of Dairy and Animal Science, the State and District DHIA Directors, and the dairy industry has been a positive force. PSU, DHIA, and its dairymen have benefitted from this symbiotic relationship. None of these organizations could have achieved their goals working alone. There is more to be accomplished, but the close working relationship must remain strong to achieve ma~cimum benefit for all concerned.

Section 6
Artificial Breeding Cooperatives and DHIA

The Bull Rings preceding artificial insemination (AI) relied on dairy records to evaluate their sires. As late as 1941 about 80 Bull Rings were active in the state. With the founding of First Pennsylvania Artificial Breeding Cooperative (First PA) in 1942, the use of DHIA records expanded beyond the confines of the county line and the local bull ring. Apparently some dairymen resented having their dairy records used to evaluate bulls owned by another organization. Even though the same dairymen were active in both DHIA and First PA, some had a hard time seeing the common ground and benefits. In 1957 a resolution was sent to First PA from a county in their service area saying "Since the IBM Record System is to be imposed on all State DHIAs, and whereas the Artificial Breeding Cooperatives (ABCs) have approved of such records, the benefits of which are altogether to the advantage of the ABC rather than DHIA, and since DHIA herd owners are asked to bear all costs of records, the County does seek and petition First PA ABC to reduce the cost of first service to all DHIA herd owners."

When the State Board of DHIA was formed in 1954, representatives from the AI Studs were asked to be members of the Policy and Planning Committee. They continued their presence on the DHIA Policy Committee for some years. The ABCs were assessed 1¢ per first service beginning in May 1955 to help finance State DHIA, and could receive copies of completed lactation reports at cost. Later additional reports based on DHIA records were approved for AI use at cost. Larry Specht played a major role in generating these sire reports since the advent of computer processing.

In May 1960, when State DHIA was operating so deeply in debt, they met with the ABCs and prepared a proposal for the ABC Directorate that "a grant at the rate of 3¢ per cow bred per year be given to DHIA by each ABC Unit based on 1959 breedings." In October 1960 this was approved by the five Cooperative Breeding Organizations, and State DHIA received a check in the amount of $13,805. They voted to continue this grant for the 1960 business year. There is no evidence that it was extended further.

Prior to 1964 the ABC Units had been awarding a certificate and five dollars to each supervisor who was judged by the DHIA fieldman to be doing superior work. In 1964 it was proposed that in lieu of the SS award the PA Association of ABC sponsor the annual banquet at the State Supervisors meeting in State College. During the same time, the State Association of ABCs was abandoned and Atlantic Breeders Cooperative and Northeastern Breeders Cooperative emerged as the AI Units operating in the state. They alternated in sponsoring the DHIA Supervisors Annual Banquet from 1964 to about 1985. They also sponsored the meal at each of the five district supervisor conferences, held in the spring and fall each year, beginning in 1964.

Section 7
Pennsylvania Dairymens Association and DHIA

The Pennsylvania Dairymens Association (PDA) was formed in 1925. Membership in the PDA is composed of dairymen who are DHIA members. In 1926 the first yearbook listed herds and production averages completed the previous year. Early yearbooks (Annual Meeting Reports) contained the complete text of all remarks made by speakers, and Charlie Gearhart was usually one of the speakers on matters related to DHIA The format of this yearbook has changed over the years. Now it is nearly 100% an annual report of DHIA activity, listing all herds on test over specified minimums of butterfat.

The yearbook herd and cow listing from 1926 through 1957 was taken from a yearly state summary compiled by Gearhart, Gilmore, Ace, and others. Since 1958 a hard copy taken directly from the computer printout has been photo reproduced for the year book. In addition, the yearbook now contains some advertising, an educational section provided by Extension, a DHIA organizational section, and a listing of all supervisors and award citations. The cost of printing this yearbook is borne by PDA at a cost of approximately $8000 per year.

At year end summary time each herd over a minimum level of butterfat received a ribbon. Certificates were awarded for herd lactation averages and for lifetime production of both milk and fat. PDA purchased and gave to DHIA members all ribbons, certificates, and seals for about 60 years. Starting in 1964, the PDA awarded a plaque and a check for $100 to the Superior Supervisor, a practice that continued each year until about 1985. For each supervisor completing 25 years of testing PDA awarded a gold wrist watch. That too was discontinued in 1985.

Section 8
ADSA, USDA, and DHIA

The partnership and solidifying leadership on a national level began when Helman Rabild left Michigan to join the United States Departlnent of Agriculture (USDA) in 1908. In his new role he developed and extended organized cow testing throughout the United States. USDA has continued an active role for many years through the dynamic leadership of J. F. Kendricks, and others including Dean Plowman, Frank Dickenson, and Basil Eastwood.

The American Dairy Science Association (ADSA) began its active role in 1924 when a Dairy Records Committee was named. From then until about the mid-1960s, a special Extension Section at each ADSA annual meeting was devoted to every matter of concern related to the conduct of DHIA programs. This gathering of Dairy Extension and USDA scientists who were responsible for dairy record programs in their respective area was an intense work session, lasting the duration of the ADSA meeting, and was devoted to making testing procedures uniform throughout the United States. Rules and regulations were improved, sarnpling and testing procedures and forms were standardized, and educational use of the records was presented. It was at this annual meeting that Lyman Rich and Bliss Crandall of Utah first presented the possibility of using computers for records keeping. The forwarding of records to USDA from each of the states offered many opportunities for broadened use of records, and has helped develop our present sire and cow evaluation information.

ADSA and USDA were to the national progress of DHIA what the Dairy Extension Specialist was to the State, and the County Agent was to the County level of testing. It's difficult to imagine a successful records keeping program without the input of each of the interested parties. The beneficiary of this program is DHIA as we know it today.

Section 9
The DHIA Supervisor

There is no word to adequately describe a DHIA Supervisor. The person is a composite of qualities and character. Some have endured all of two weeks on the job, and some have been fLlctures for 50 years. They have been and are the backbone, the foundation, and the energy upon which a strong testing association has prospered. Because they are at the mercy of the dairyman's schedule they work long hours, often on the road by 3:00 AM and packing the final samples in refrigeration at 11:00 PM. They believe in what they are doing and delight in seeing a good herd and good records being used to the fullest benefit. One of the more soul disturbing experiences for a Supervisor is going to a farm and having to open last months test report to find the barn sheet for this months test. Time and money is wasted for both the dairyman and the Supervisor. Lack of attention or interest on the part of dairymen is a particularly "down-time" for the Supervisor, and it happens on occasion. On the other hand, praise, an invitation to the family picnic or a wedding, or a bonus at the end of the test year makes the job rewarding.

Pennsylvania has employed over 200 Supervisors per year for the past 25 years. Most were farm raised boys and girls who left the home farm because their ser-

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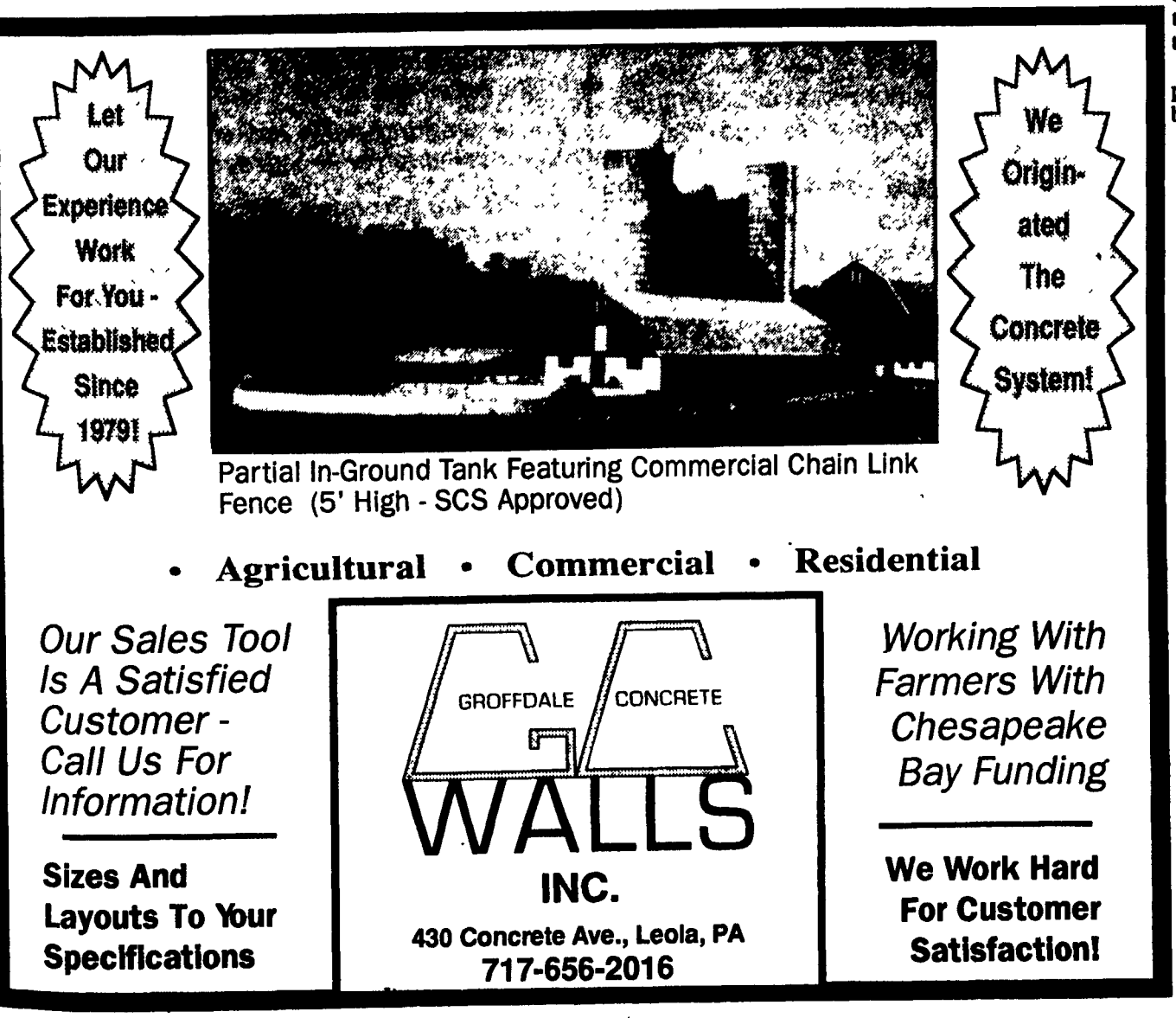
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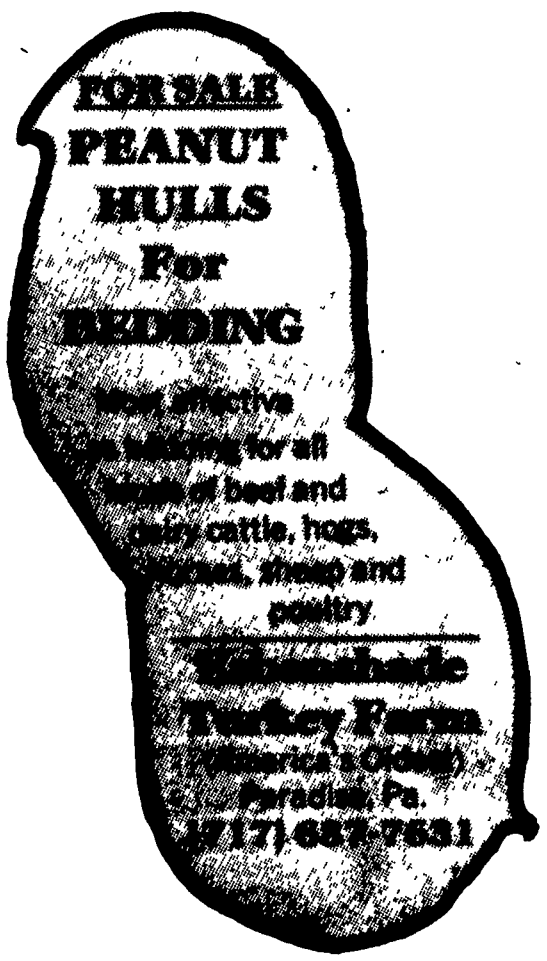

A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B21)

vices were not needed, or they were looking for another type of dairy oriented work. Occasionally a person from the city with an interest in cows would take the Supervisor Shortcourse, and some made excellent testers.

The first female Supervisor was hired soon after the outbreak of World War II. The draft and enlistment drained the pool of active Supervisors. In 1942 six women were listed among the ranks of Supervisors; Alice Hersey, Berks Co., Ada Symington, Chester Co., Carolyn Brown, Mercer Co., Carol Martin, Monroe Co., and Hazel Conklin and Elizabeth MacConnell, Susquehanna Co. Today women make up more than 32% of the Supervisor force.

During the war years Conscientious Objectors were assigned to cow testing work. About 35 men from many areas of the United States were placed in Pennsylvania between 1943 and 1946. They were excellent testers and a number returned to Pennsylvania, following their service period, to continue their work in agriculture.

The fieldmen, an integral part of the DHIA program since about 1947, have been selected from some of the top supervisors. Those* who were chosen for the position are: Gilbert Hess, Earl Baum, Ed Dieffenbach, John Kline, Earl Johnson, Owen Etter, Carl Hollinger, Larry Moyer.

Some* supervisors became faculty and staff members at PSU: Herb Gilmore - Dairy Science Extension; B. Wayne Kelly - Farm Management Extension; Charles Robertson - Schuylkill County Agent; Gilbert Hess - Snyder County Agent; Victor Plastow - Lancaster County Agent; Ed Dieffenbach - Susquehanna County Agent; Joe Thurston - Westmoreland County Agent; John Schwenk - Berks County Agent.

Some* entered the Agriculture Industry: George Thompson - Western PA ABC Manager; Bill Schaefer - Northeastern PA ABC Manager; John Schwenk - Lehigh Valley ABC Manager; C. I. Cohee* - Philadelphia Dairy Council. *(Cohee is the Grandfather of Larry Hutchinsor4 Ext. Vet., PSU).

Others* became outstanding dairymen: Warren Bucher - Guernsey Breeder, Lebarlon Co.; Fred Naugle - Holstein Breeder, Cumberland Co.; Merle Miller - Jersey Breeder, Cumberland Co.; Leon Musser - Holstein Breeder, Union Co.; Clarence Lyons - Holstein Breeder, Lancaster Co.; Curtis Akers - Holstein Breeder, Lancaster Co.; Elston Carter - Holstein Breeder, Susquehanna Co.; Galen Furry - Guernsey Breeder, Bedford Co.

Many* were great full-time, life-time, professional Supervisors: Don Hindman - Lackawanna Co.; Al Shingledecker - Allegheny Co.; Ira Whiteman - Centre Co.; Tom Fox - Centre and Clinton Co.; Art Clink - Susquehanna Co.; Lorene Dunn - Elk-Potter Co.; Leonard Martin - Green-Washington Co.; Charles Henry - Wyoming Co.; Harold Baldosser - Cumberland Co.; Walter Steidinger - Perry Co.; Harry Fritz - Franklin Co.; Floyd Myers - Franklin Co.; Steward Rosengrant - Bradford Co.

*The names listed are not intended to be all inclusive.

Dean Amick, an outstanding Supervisor in Lancaster County, came to Penn State to manage the Central Milk Testing Laboratory. Through his hard work and standard of excellence Pennsylvania has established a national reputation among all testing labs. Today he holds the position of Director of Field Operations.

Section 10

Selected Highlights of Minutes of State Board Meetings from 1954 to 1985

July 1954

--The first organizational meeting of PA DHIA was held. Each of the five districts made application for membership. The application was signed by the Secretary for each district: Rita Phelps - North East District, Secy., an office Secretary in Susquehanna County Extension; Archie Rockwell - North West District, Secy., a County Agent in Elk County; Joe Thurston - South West District, Secy., a County Agent in Westmoreland County; Ralph Connelly - South East District Secy., a dairyman; Bob Neff - Central District Secy., a dairyman.

The first Board Meeting was called for October 1954 with a temporary President James Wilson, dairyman from Elk County and Herb Gilmore, a Dairy Specialist, as Secretary, a position he held until 1958. Eighteen representatives from five Districts made up the Board.

Each County was assessed 2¢/$100 of payroll to meet current expenses of State DHIA.

IBM for records processing was considered as a topic for discussion at future district meetings.

The Policy Committee recommended that Owner Sampler (OS) become part of PA DHIA program;

(Turn to Page B23)

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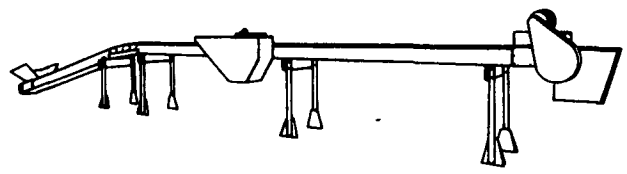

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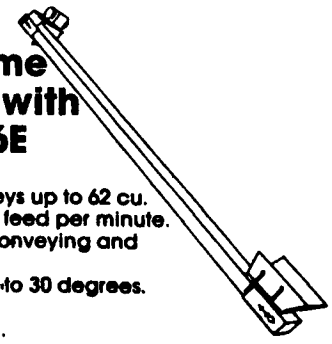
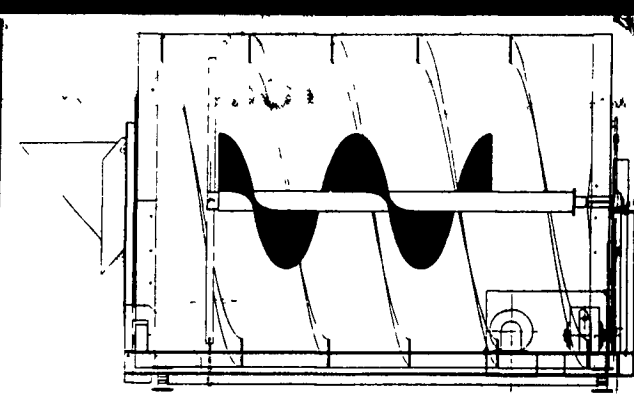


- 16-inch concave belt conveys up to 62 cu. ft. (or up to 2,000 pounds) of feed per minute.
- Smooth belt for horizontal conveying and slight inclines.
- Textured belt for inclines up to 30 degrees.
- Lengths from 4 to 100 ft.
- Motor mounts top or bottom.



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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B22)

record milk and fat only, at a cost of not less than 50% of the regular testing fee.

April 1955

Gilmore read a communication from USDA outlining a proposal for a nationwide plan for processing DHIA records using IBM.

Dave Putney was hired as the attorney for State DHIA and was to be paid $50 per year for his service.

May 1955

PA DHIA would be financed as follows: •$3 per year for all DHIA members. •5¢ per cow per month for a National IBM Service Fee. •1¢ per first service per year from State ABC's. •$2 per year from associate members (anyone interested in DHIA).

Total income projected at $93,000.

Directors to be paid 7e per mile and $10 per diem.

July 1955

Joint meeting of PA Dairymen Assoc., DHIA, College of Agriculture, and State ABCs.

Advanced Registry (AR) and Herd Improvement Registry (HIR) is budgeted and supervised by Paul William, Prof. Dairy Husbandry in Dairy Dept.

DHIA had budget and supervised in Dairy Extension Dept. August 1955.

Merger of AR, HIR, and DHIA discussed. Space was a problem. Basement of Borland Lab available.

October 1955

New county assessment set at 5¢/$100 payroll to meet state DHIA expenses.

Need agreement with PSU before further developing plan to set up DHIA on IBM.

April 1956

Memorandum of Understanding drawn up between PSU and DHIA.

State Board requested Extension Director Albrecht to add a third Dairy Specialist to facilitate improvement of testing programs.

August 1956

Presented a resolution to the state Legislature requesting an appropriation for proper maintenance of DHIA.

March 1, 1957 selected as target date for records to start coming to PSU. Funds for operation of central records program to be paid by Districts to State DHIA and then to College of Agriculture. 213 Borland established as a permanent address of PA DHIA.

December 1956

Memorandum of Agreement between College of Agriculture and PA DHIA signed, effective March 1957. Cost established at 5¢ per cow per month.

Counties not organized on county wide basis must do so by **January 1957.**

PA DHIA borrowed money from PSU to get started. It will take from March 1957 to c September 1957, as herds complete their testing year, to get everyone enrolled in central processing program.

May 1957

Early estimate of six day average turn around time for records not being met. Letter to DHIA members apologizing for 15 day delay. Slow down due to PSU not being able to hire females to work night shift on key punches, and not being able to get delivery of key punches and verifiers; supervisor mistakes in completing barn sheets; duplicate herd codes; supervisors holding barn sheets and then sending in a packet of 10 to 15 herds at one time; supervisor omitting some information, etc. were given as reasons for slow turn around time.

July 1957

Pittsburgh IBM Service signed a contract guaranteeing 10 day service on records but were running 17 days making PSU 30 days late getting records back to farmers. Barn sheets not getting back in time for next months test.

79,000 cows emolled now -- about 8,000 more than expected.

Agnes Blair hired to check barn sheets and correct errors and omissions before sheets go to key puncher.

Larry Specht hired into Dairy Extension to work with computer processing of DHIA records.

October 1957

State Board meetings moved from two times/yr to quarterly meetings.

Carl Hollinger moved to the Penn State staff from fieldman position to expedite records processmg.

January 1958

152,000 cows enrolled -- two counties yet to send records in; 155,000 cows by end of January.

December 10 records being punched on January 2.

March 1958

Moved to bond the Secretary-Treasurer.

July 1958

Changed year end for all herds to September 30.

All new herds to be charged $5 plus a 10¢/cow surcharge to reduce debt.

Gilmore no longer Secretary of Board. October 1958.

First year DHIA records were summarized by computer.

All personnel working with DHIA were moved to ground floor of Borland Lab.

Putney, the attorney for PA DHIA still at $50/yr fee.

Earl Johnson moved from fieldman position to be a records checker.

April 1959

PA one of 4 states with 100% central processing of records.

Projected budget for 1959-60 included $14,500 for debt liquidation.

10 days now turn around time for records.

Insurance program is limited to Liability and Auto.

Discussion on hiring a part time Secretary-Treasurer.

April 1960

Cost to process a record is 15.64¢/cow.

Still $35,962 deficit owed to PSU, up $1000 from a year ago. Must schedule a meeting with University to resolve this problem.

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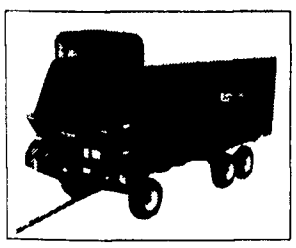

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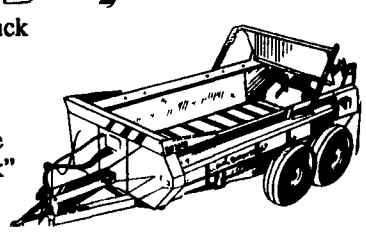

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OR
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• 0% - 12 Mo.
• 7.9%-24 Mo. • 9.9%-36 Mo.
OR
CASH DISCOUNT IN LIEU OF FINANCING

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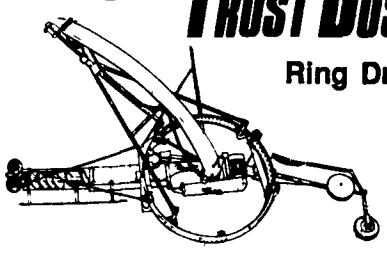

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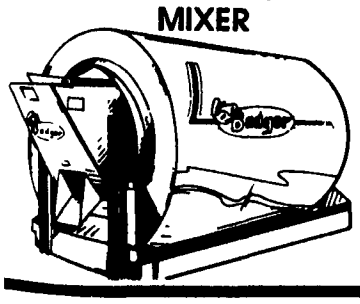

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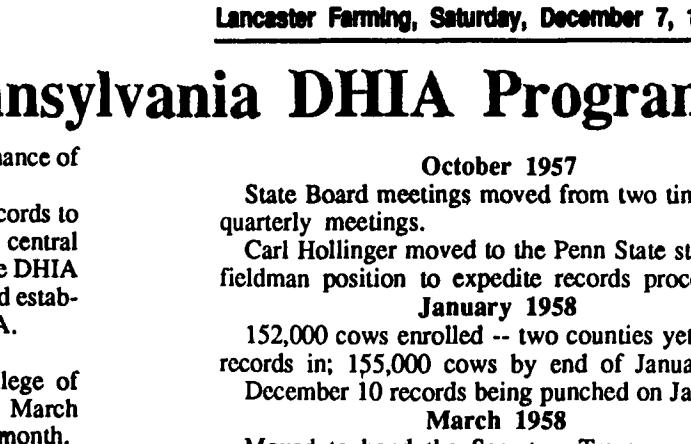

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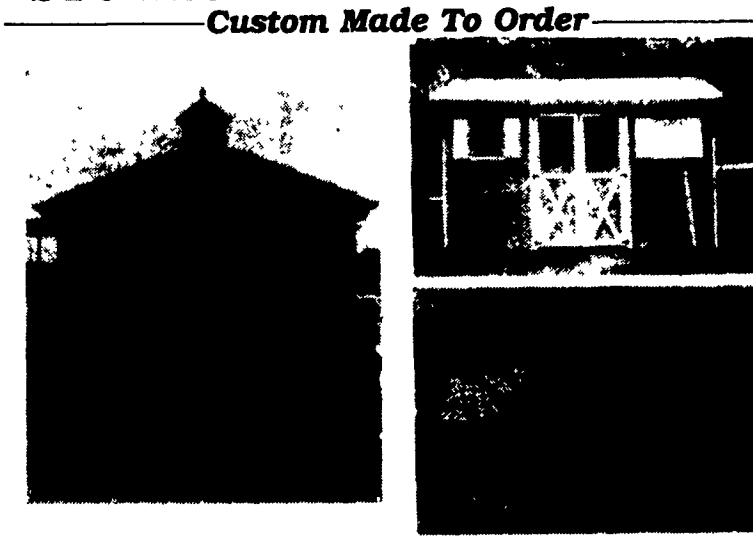

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B23)

July 1960

First discussion on a retirement program and major medical for Supervisors.

August 1960

Agnes Blair resigned as checker.

Wilmer Geist hired as records checker.

W. S. Meachem working as records checker, salary paid by PSU.

Earl Johnston still a checker.

July 1961

Recommended that DHIA Supervisors not double as AI technician due to possible conflict of interest.

An additional 20¢/cow charged for each new cow on test.

Cost of processing now at 10¢/cow plus 1¢ for checking, postage and forms.

Paul Williams retires; AR and HIR program now under DHIA supervision.

April 1962

Use of weighing and sampling devices discussed. Only Milk-O-Meter is approved by ADSA.

Debt to PSU continues to be reduced by two to three thousand per quarter.

Meeting with new Director of Extension (T. H. Patton); "DHIA must assume more of its costs of operation in near future."

Motion made that PA DHIA assume payment of all salaries of all checkers.

Ruth Hollinger named Assistant Treasurer.

July 1962

Solids-Not-Fat (SNF) first considered as an optional test.

DHIA expenses still greater than income with 200,000 cows on test in 6030 herds.

June 1963

ADSA meeting; a symposium sponsored by Dairy Records Committee was held on "The Future of the National Cooperative Dairy Herd Improvement Program (NCDHIA)."

July 1963

Some counties on SNF testing.

September 1963

Income over expenses of $30,944.

First time discussion on how to handle surplus funds. October 1963.

Supervisors request a fringe benefit package.

Committee appointed to study Health Insurance.

January 1964

Balance on hand $45,000; all debt to University paid. **April 1964.**

Cost of DHIA processing now 8.16¢/cow on 215,560 cows.

Processing time now at seven days.

One additional fieldman to be employed.

Health and Accident Insurance proposal goes to Supervisors with response due by July 1, 1964.

July 1964

Health Insurance to start by October 1,1964.

Earl Baum hired as third fieldman.

January 1965

Mileage paid to State Directors increased to 10¢/mile.

April 1965

National DHIA Coordinating Group (NDHIA) formed by USDA with 13 members; two from Agriculture Research Service (ARS), two from Federal Extension Service (FES), one from Extension Committee on Policy (ECOP), one from American Dairy Science Assoc. (ADSA), one from Purebred Dairy Cattle Assoc. (PDCA), one from National Assoc. of Artificial Breeders (NAAB), one from NDHIA, and four Regional Extension Dairy Specialist.

July 1965

(Nationally) Three farmers and three Extension Specialists met in Chicago to develop structure for a proposed National DHIA, Inc. The purpose was for states to have greater interface with the NDHIA Coordinating group.

Discussion on PA joining NDHIA, Inc.

October 1965

NDHIA, Inc. was chartered with 8 states as charter members.

PADHIA appointed a committee to study life imurance and retirement plans.

January 1966

PA pays $150 dues to join NDHIA, Inc.

State Board first viewed a demonstration model of the Electronic Milk Testing Machine in Borland Lab.

Long Range Planning Committee named.

July 1966

216,536 cows processed; eight days average processing time.

October 1966

Discussion of retirement plan. Some supervisors are interested more in increased pay than in a retirement program.

Discussion on whether we should use Milk-O-Tester in PA.

July 1966

Long Range Planning Committee reported a retirement plan was possible if PADHLA was incorporated but recommended against a plan at this time.

Suggested a minimum of $400 salary per month plus mileage for Supervisors with 1000 cows on test.

April 1967

Discussion on Central Testing Lab. One Milk-O-Tester to be purchased and located at PSU. Dairy Extension asked to sort out costs and sample shipping problems.

October 1967

Milk-O-Tester approved by NDHIA, Inc. for raw samples.

Request to Larson (Dean) for space, personnel and equipment needed to start a Central Testing Lab.

January 1968

Testing fee now at 11¢/cow and new cows coming on the proFam at 25¢/cow.

Kroger reported a successful test of Milk-O-Tester, work done by Kroger and a student at no cost to DHIA.

April 1968

AM-PM test trials started; popular to mixed reactions from dairymen; NDHIA says NO!

Start of Central Testing Lab. as a pilot project in Basement of Borland; cost of 10¢/sample plus shipping costs; participation to be voluntary for a period of time.

October 1968

Alternate AM-PM testing offered.

Larson proposed a capital budget for new lab based on two million samples per year plus operational budget for total of $370,000 with all funds to come from DHIA.

9000 samples start coming in via US Postal Service and Greyhound bus.

Switched from glass bottles to plastic bags for shipping samples.

January 1969

New Central Testing Lab can be built, operated, and amortized if 1.5 million or more samples come in per year.

March 1969

Two Milk-O-Testers now in use; 35,334 samples tested to date; 666 highest volume in one day.

July 1969

Third Milk-O-Tester to be purchased using $25,000 on deposit with PSU. No longer need to leave money on deposit because credit with PSU is excellent.

Start study of incorporating State DHIA by the Long Range Planning Committee, local associations to retain autonomy.

September 1969

38,500 samples tested per month; three women working in lab and one more to start; 10¢/cow has covered testing and operation costs.

Articles of incorporation for DHIA drawn up, approved, and will become effective November 28, 1969.

July 1970

60,253 samples tested.

Counties not sending in samples to be assessed at 4¢/cow to help amortize new testing lab.

After July 1971 assessment to be 8¢/cow.

(Turn to Page B25)

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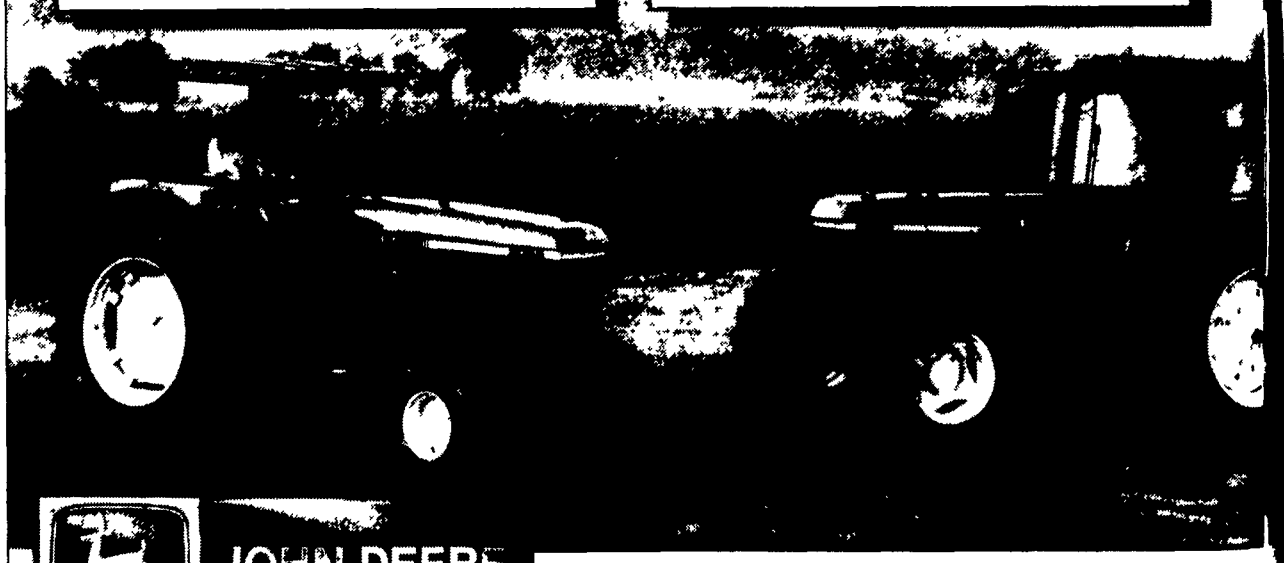

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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B24)

Much resentment by counties on these assessments -- we don't use! Why pay?

October 1970

Dean Amick hired as new laboratory manager.

Discussed mandatory testing of all samples.

April 1971

128,280 samples tested.

So many samples leaking and fouling the postal mails that DHLA contracted with UPS to deliver samples. This move lowered cost. There was also less churning of samples and less spoilage.

July 1971

All samples being sent in and tested in new Central Milk Testing Lab.

January 1972

New machine purchased with ability to test for Protein.

Retirement program again opened for discussion.

April 1972

Lab tested its 1,000,000th sample on February 4.

219,960 samples tested; 15 people employed in lab.

Cost for protein test is 5¢/cow. July 1972 --Protein tester installed and working.

Research project started with 8,000 cows being tested for protein.

January 1973

Altoona firm had key punched records during holidays.

Reported that life insurance and retirement might cost 3¢/cow.

March 1973

10,421 samples being tested for Protein.

35 states now in NDHIA.

Discussion to establish a Milk Meter Service Center with each meter to be checked once a year. Old milk house in Brown Swiss barn to be outfitted and used as Meter Lab; ready by February 1, 1974.

Tentative approval of a retirement and life insurance plan.

January 1974

Voted to initiate the retirement plan effective July 1,1974.

April 1974

Carl Hollinger death April 20.

Dick Campbell new attorney replacing Dave Putney.

Meter Lab now in use; 200 Milk-O-Meters and 170 Tru-Test Meters in use.

October 1974

Owen Etter hired to fill Hollinger position.

January 1975

Central Test Lab building cost plus interest to date is $211,700 of which $144,000 has been paid.

Dues to NDHIA now at $2700 per year.

July 1975

Ruth Hollinger resigns as Assistant Treasurer, Linda Kern is hired.

First discussed Somatic Cell testing and purchase of a SCC machine; $35,000 with a 5 year life expectancy.

On national scene, Dick Secrist was hired as Executive Secretary of NDHIA.

Protein testing to be offered October 1 at a cost; has been free since 1972.

January 1976

PSU will purchase SCC machine from research monies and DHIA may use it.

Executive Committee met to discuss feasibility of hiring a General Manager for PA DHIA. Some reasoning: a) Decisions need to be made that Extension or University should not make. b) Extension cannot be expected to operate the day-to-day program at county level. c) Program might be stronger with less dependence on Extension. d) Cost will be higher and there will be a loss of local (county) control. e) Might be more practical to hire an Executive Secretary. f) Regardless, must never lose the close relationship we have with Extension & PSU.

April 1976

AM-PM testing approved by NDHIA if we have a way to verify the time of the previous milking.

Start field trial of Somatic Cell Testing at a cost of 12¢/sample.

July 1976

Dick Sechrist invited to state meeting to discuss Executive Secretary or General Manager position. Says State Board is responsible for setting objectives and policy. Extension is responsible for encouraging testing, helping dairymen understand and use records, and advising and consulting with State Association.

Effective January 1977 charge for fat test will be 12¢/sample.

Gilmore still sending out notices of directors meetings.

$8,487 loss in past six months; may have to adjust fees. a) actual record processing costs 10.2¢/cow; income 10.56¢/cow. b) actual sample testing costs 10.4¢/cow; income 10¢/cow.

Board voted a 2¢/cow increase effective January 1977.

200 herds signed up for SCC field trial; lab testing 1000 samples per day.

October 1976

Gilmore presented a report detailing a method of getting treasury out of the debt.

Board not ready to make decision on a General Manager. Gilmore will pursue possibility of an added University based employee responsible to the Board.

Report for PSU (Beattie, King, Baumgardt, Thoele, & Gilmore): a) PSU personnel will continue to have assignment in DHIA. b) Recommend continuation of use of facilities on campus. c) Employ an individual to implement approved programs and carry out business function to be paid for by DHIA and be responsible to Gilmore.

Gilmore was asked if he had any recommendation to Board for added personnel and cost of reorganization. He said he felt it was responsibility of Executive Committee to make such recommendations.

Moved to raise State Association fees by 3¢/cow -- to a total of 13¢/cow -- effective January 1977.

Mileage for Directors increased to 15¢/mile.

January 1977

Consultant hired for retirement program.

NDHIA dues now costing $5211/yr.

July 1977

Research on SCC completed; potential of 20,000 cows per month, cost of 12¢/cow; ready for dairymen January 1978.

A second SCC machine will be needed at $47.500.

October 1977

Executive Committee reports that Ray Pruss was hired as an Administrative Assistant.

January 1978

Can accept 1137 herds on new SCC testing program (20% quota of herds on DHIA Test in each county) only three counties have not filled their quota.

July 1978

Strike by tech service people hits the testing lab. All Dairy Extension Specialists called to assist in testing samples and recording results, including picking up samples from UPS in Lewistown and stuffing and delivering reports to the Post Office.

Memorandum of Understanding between NDHIA and PA DHIA signed.

October 1978

State Association is liable for actions of local boards.

365 day records approved on option basis. Cost of records to be paid for by those requesting such service. Cost is 20¢/cow and all cows in herd must enroll.

January 1979

Gilmore says it may be possible to automatically report data from testing machines to the computer and reduce labor of two people.

24% turnover of Supervisors in 1978.

April 1979

Discussed conversion of S. W. District into a District Management System, managed by one employee.

July 1979

(Turn to Page B26)

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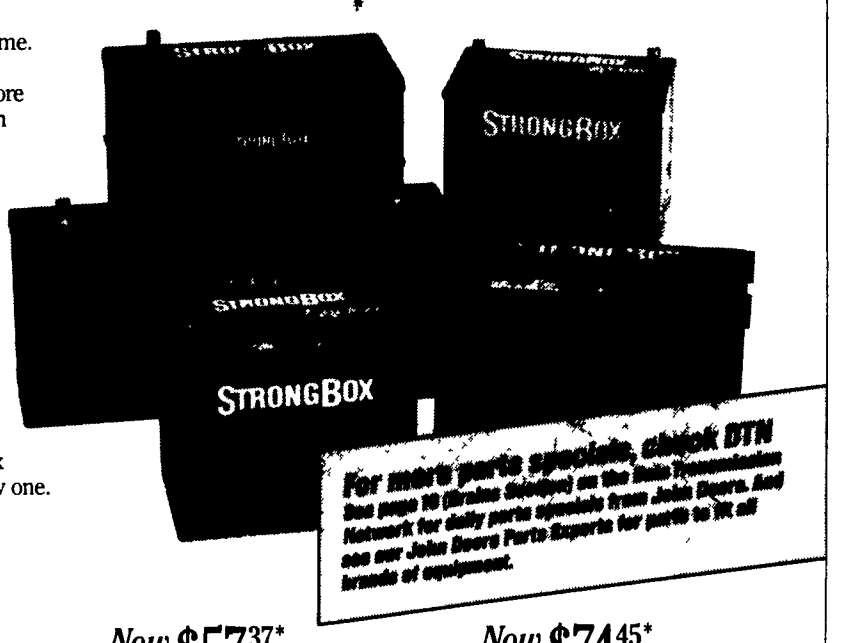
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A History And Perspective Of The Pennsylvania DHIA Program

(Continued from Page B25)

Ray Pruss replaces Linda Kern as Assistant Treasurer.

October 1979

Etter moved from Fieldman to checker position.

Geist retired.

Kline new fieldman.

Central Testing Lab needs to be expanded. a) SCC overflowed space and will continue to grow. b) Need to bring Secretaries from Borland to lab. c) Need to merge meter checking into lab operations.

New SCC machine ordered @$51,000.

April 1980

50% of cows on DHIA test now on SCC.

Computer for transferring test results is on line and being tested for accuracy.

DHIA fee increase discussed.

September 1980

Ace placed in charge of DHIA, Gilmore retired.

DHIA fees as of January 1981 will be increased to 31¢/cow plus 12¢/cow for SCC plus 5¢/cow for Protein. This includes capitalization for the lab addition plus 2¢ for the retirement fund.

November 1980

New memorandum of agreement between PA DHIA and PSU signed.

January 1981

Ground broken for lab addition.

March 1981

Baum (fieldman) and Johmon (checker) retired.

Search for replacement for Gilmore underway.

Plans for upgrading State Supervisor Conference offered by Ace. Goal is to have all Supervisors and their spouse attend with all expemes paid.

NDHIA now needs 6.6¢/cow plus 1¢/cow for legal fund.

July 1981

Applied for "essential service" designation for DHIA to avoid problems in case of new strike by tech service.

Sam Srnith new Dean of Ag.

Bill Heald new Dairy Specialist replacing Gilmore and will assume DHIA respomibility as of September 1.

New DHIA Supervisor Conference scheduled per Ace plan. NOTE: this new format attracted 81% of Supervisors plus wives vs. 35% under old plan.

Putnam retired.

October 1981

Dixie Burris hired as new Records Supervisor.

Larry Moyer hired as new fieldman.

AI Coops interested in 100% protein testing and will offer a grant to help buy equipment or loan funds to DHIA at a low interest rate for purchase of equipment. State Board says "NO" to offer because of potential of being obligated to studs.

Order placed for data entry equipment at Central Lab.

Putnam hired as Records Comultant.

January 1982

(Nationally) Geo. Grambling hired in charge of Quality Certification program by NDHIA; dues now $20,826/yr.

Dean's office takes responsibility for DHIA.

Moved to hire a General Manager responsible to Thoele of Dean's office. Policy will be set by State Board but alignment under Thoele necessary due to method of paying salary and fringe benefits.

New rate increase of 15¢/cow, largest one-time increase ever.

April 1982

314,482 cows tested for fat, 161,600 for SCC, and 12,330 Protein.

Bill Heald reports good acceptance of 15¢/cow increase by dairymen.

October 1982

Phil Dukas new General Manager.

New Protein analysis installed.

Motion to donate $1 for each cow on test to Ag Arena in memory of Dexter Putnam (who died September, 1982).

2nd Annual State Supervisors Conference a success.

Ace proposes plan for a statewide County Director Conference.

January 1983

James Benzie new Assistant Lab Manager.

NDHIA dues now at $27,000 (8.2¢/cow).

April 1983

Discussion of Visible Identification for cows.

Attendance at State Supervisors Conference made mandatory.

A two-day Statewide County Directors Meeting considered.

June 1983

State Board supports use of AM-PM records in USDA Sire Summary.

October 1983

Third Fieldman considered - first one under DHIA funding and fringe benefits.

January 1984

USDA to use AM-PM records in Sire Summary.

PA DHIA installs first 800 line.

Aug. 16-17, 1984 set for first Statewide County Directors Meeting with Ace scheduled as Keynote Speaker.

Hold put on hiring third fieldman.

October 1984

Dukas resigns.

Heald assigned job as Interim General Manager.

September 1985

Dick Barth hired as General Manager.

July 1986*

Multi-State Meter Van started; services 9000 meters/yr. in 9 states.

(Turn to Page B28)

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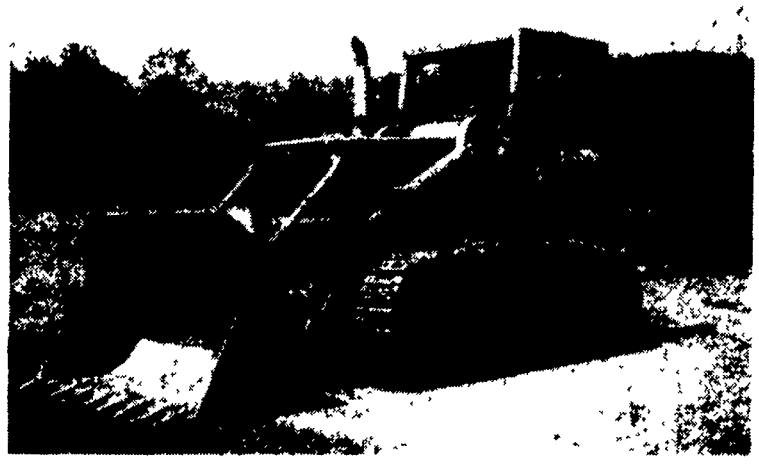

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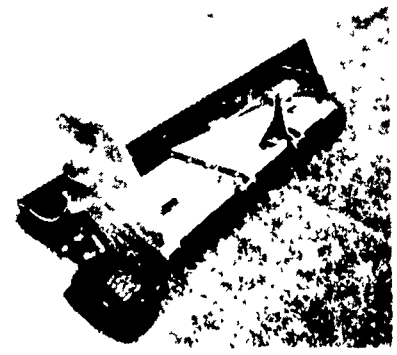

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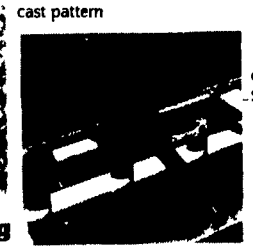

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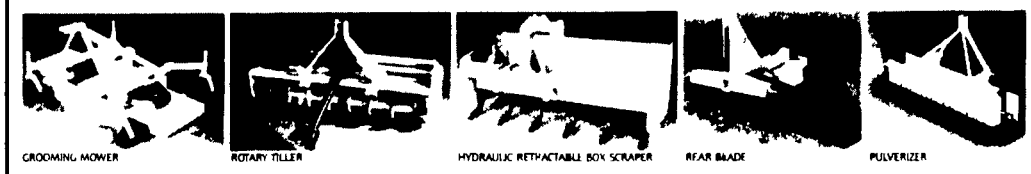

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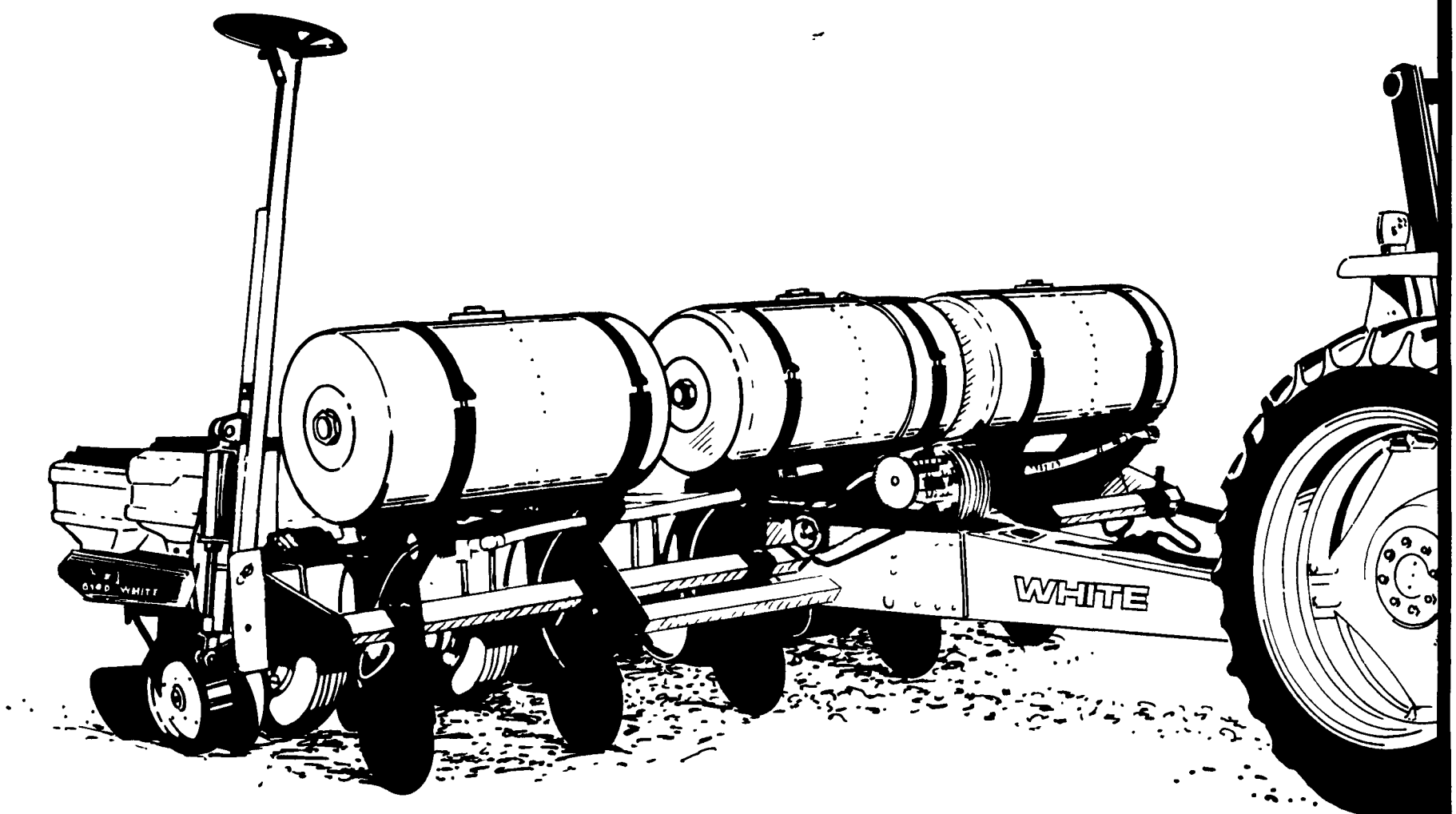

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Importance Of Breakfast For Children

WASHINGTON, D.C. — Everyone knows how important it is to eat a healthful breakfast. A good breakfast provides the fuel needed to get a good start in the morning, especially for children. Breakfast eaters not only benefit nutritionally, but several studies have shown that skipping breakfast is associated with impaired academic performance in children and increased total blood cholesterol in adults.

A recent study on the breakfast eating habits of children concluded that children who skipped breakfast had significantly higher blood cholesterol levels than those who ate breakfast. The more desirable levels were found in children who ate high fiber cereals on a regular basis and in those who ate more traditional breakfasts including eggs, bacon, sausage, pancakes and waffles, despite higher fat content.

Why Do Eggs Fit In?

Many people mistakenly believe that eggs should be avoided in a healthful diet. Although there are differences in specific recommendations, expert panels agree that a healthful diet can include eggs. Dietary guidelines for children over the age of 2 are the same as those recommended for adults and should be achieved over a period of several days. The recommended eating pattern includes:

- A wide variety of foods
- Adequate calories to maintain desirable weight.
- Foods low in total fat, saturated fat, and cholesterol (30 percent of calories from total fat with less than 10 percent from saturated fat and 300 mg cholesterol)

If total fat and saturated fat in the child's diet is limited as recommended, then four large eggs can be eaten per week while keeping dietary cholesterol under the recommended level.

Encouraging a healthful diet will improve overall nutrition status and may reduce the risk for coronary heart disease in both children and adults.

How About an Egg for Breakfast!

A "good" breakfast offers quality nutrition and can be achieved by eating a variety of foods. Eggs are nutrient dense and they provide high quality protein, especially important for growing children. Eggs are also low in saturated fat and calories. Traditional egg recipes can easily be prepared with low-fat ingredients to create time-saving, healthful breakfasts.

Here are a few time-saving egg dishes to try for breakfast:

- Scrambled eggs - Use 1 whole egg and 1 egg white, cook with non-stick cooking spray. Add more flavor by adding onions, peppers, or low-fat cheese.
- A hard boiled egg - Cook in about 20 minutes, season to taste. Hard boiled eggs can be cooked the night before and refrigerated.
- An omelet - Use 1 whole egg and 1 egg white, cook with non-stick cooking spray. Add your favorite spices, meat, or low-fat cheese, fold and serve.

For more information about how to include eggs in a healthful diet and recipes, send a self-addressed, stamped envelope to the Egg Nutrition Center, 2301 M Street, N.W., Suite 405, Washington, D.C. 20037.

Dietitians Learn About Meat's Move To Lean

CHICAGO, IL — More than 7,000 dietitians recently had the opportunity to taste and learn more about meat industry efforts to satisfy consumer demands for low-fat meat products during the American Dietetic Association's (ADA) 74th annual meeting in Dallas, Texas.

At the ADA trade show exhibit, the National Live Stock and Meat Board gave more than 5,000 participants a taste of some low-fat foods resulting directly from checkoff-funded research such as low-fat ground beef and low-fat pork sausage products. Through a cooperative effort with FMC-Marine Colloids Division, Philadelphia, Pa., the exhibit presented an educational demonstration on low-fat ground meats and the effect of added ingredients. Low-fat ground beef patties and low-fat pork sausage breakfast patties and Italian sausages were served to reinforce the "low-fat, tastes great" message.

Healthcare education materials such as Heartcare, *Nutrition Strategies, Sterling Advice for the Silver Years,* and *Exploring Meat and Health* were also offered in the exhibit to interested individuals. More than 1,000 dietitians signed up for materials or additional information from the Meat Board.

During a session titled "Community Dietetics Practice and Research," more than 300 dietitians learned about the study conducted at the University of Minnesota that led to the launch of LUNCHPOWER! The study investigated reducing the fat content in cooked ground beef by rinsing with hot water, then drain it. The results showed that rinsing the meat with hot water reduced the fat content from the raw state to the final cooked state by as much as 60 percent. A LUNCHPOWER! guide and methods video will also be distributed to key child nutrition influencers and foodservice directors.

The LUNCHPOWER! pilot program was partially funded through checkoff dollars and managed by the Beef Industry Council of the Meat Board. Additional funding for the project was provided by the Minnesota Beef Council.

Pennsylvania DHIA Program

(Continued from Page B26)

June 1988*

New refrigerated trucks purchased by DHIA to pick up and bring samples to Central Lab. UPS no longer a viable option.

March 1989*

Elk, Cameron and Clearfield are the first counties to join the new Statewide Testing Management System. By July of 1991, 28 counties had joined. All counties must be in the fold by October 1992.

July 1991*

Administrative offices of DHIA moved off-campus.

*From personal notes.

MAILBOX MARKET FOR SALE

One hole corn sheller, cast iron body with wooden legs $55. Lanc. Co. 717-786-3006.

3 head holsteins. Choice out of 8, first and second lact. animals. Also several 5 lug wheels on rubber. Lanc. Co. Benuel J. Allgyer, 6218 Plank Rd., Narvon, PA 17555.

Frick top saw with 32" B-style blade, 52" and 56" sawmill blades, old style O-Frick cast headblocks. 215-431-2987.

John Deere 216 head with add on flexbar $1000. 1952 International L-200 with 14' grain dump $750. Bucks Co. 215-536-5182.

Cheviot ram and ewes, Southdown ram and ewes registered or without papers. Reasonable. West Co. 412-459-7851.

91 acre dairy farm, double four parlor, silos, large brick two story home, tillable pasture, woods, road frontage. Chester Co. 215-932-5133.

Emu chicks, large, top quality, 7-8 months old from outstanding breeders, singles or pairs $1500 each. Pa. 215-255-5191. Maryland 410-398-2432.

Texaco Banks no's 1 thru 8 after 6. 703-867-9574 sell as a set.

Penn State Frostaire suffolk ram, born 2/1/91; was in Penn State ram performance testing. 814-832-2592.

Hitch wagon, 5th wheel, rubber tires w/hyd brakes, 12 ft. long, seat 6'6" high, beige color, brown pinstripe $2500. 717-683-5155.

Farmall 400, Farmall H, JD B crank shaft reconditioned. 215-869-9662, 215-869-2826 night.

Oliver HG crawler tractor good cond., ready to go to work. Lanc. Co. 717-738-2573.

133 lf rope w/pulleys, 6 mo. Jersey heifer, 2 mantle coleman gas lantern 1000 lb. cap platform scale mustrap trap. 717-354-0616.

40 channel cobra CB 67LTD like new, best offer, Ben Franklin large wood stove, best offer. Lanc. Co. 215-267-5423.

2- 250 lb. Chester White boars tested sound heavy done will deliver, also 4 hole hog feeder. 717-632-4722.

1 Reeve pheasant, 5 silver pheasants, 1 peacock, 3 peahens spring 1991 hatch $35 ea. J.D. A.W. 10', $750. Lanc. Co. 215-484-4623.

NI manure spreader, PTO, 3 beaters, No. 19, $500, AC WD power steering $525. Franklin Co. 717-264-1360.

Columbian choice cookstove good cond., $700 or best offer. Lanc. Co. 717-284-4644.

Jersey family cow, tame, good milker, anyone can milk, due beginning Jan. w/2nd calf, $725. Lanc. Co. 717-354-9985.

Duals w/18.4-38 tires, '70 Chevy pickup ¾ ton, Dion forage blower, 6- 20' corral gates. Lanc. Co. 717-284-4776.

AKC Boston Terrier young male stud, good breeding, show stock $200 or best offer. Ben Stoltzfus, 4994 Strasburg Rd., Kinzers, Pa. 17535, at sharpening sign.

Go-Karts just in time for x-mas, new 3 HP $595, 5 HP $695. David Wenger or Gwen, Myerstown, Lanc. Co. 717-866-2135.

Potatoes $6 for 50 lb. Lanc. Co. John Esh, 194 Liberty Lane, Kirkwood, Pa. 17536.

Rabbit cages & feeder x waterline. Emanuel S. Fisher, 655 White Oak Rd., Christiana, Pa. 17509.

White Hit & Miss 2 HP 5 HP 1 Int. 6 HP all Hit & Miss Sci-O-Cech portable potty commode. Ervin M. Horst, 1267 Springville Rd., East Earl, Pa. 17519.

Cheviot ram, ram lambs, freezer lambs $75 ea. OBO. York Co. 717-235-5140 call before 2:30 or after 9 p.m

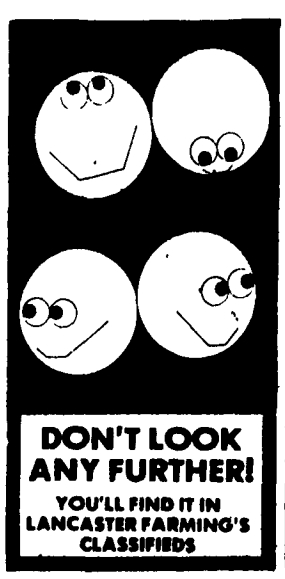
5 yr. old Tenn. walker quarter horse gelding chestnut black boots, white blaze greenbroke $400. Adams Co. 717-334-7060.

NH 494 12' haybine, also MF 260 forage harvester w/2 row corn head & 6' pick-up, very good machines, Oliver Super 55, $2200. Union Co. 717-524-2410.

Toy tractor Farmall H or M "Slik Toy" printed on rear tires $150. Perry Co. 717-438-3019.

750-24 tractor chains $25, 9-24 tractor chains like new $35 granite flow 300 gal. tank $95. York Co. 717-235-2032.

Med. Red clover seed $50 per bu. Yates Co., N.Y. 716-554-3106.



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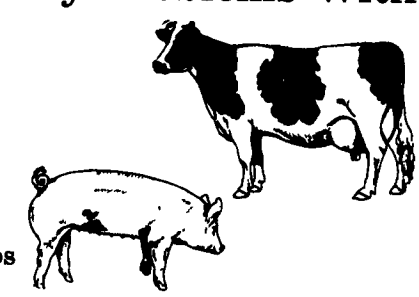

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20' feeder wagon built by Farmco MFC like new $600. Leb. Co. Jacob Swarey, 1240A South College St, Myerstown, Pa. 17067.

Dorset ewe w/twin rams at side $200, conn trumpet, $100. Franklin Co. 717-597-5816.

Ford 8N tractor $1450 or best offer, 50 feeder pigs #1's. North'd. Co. 717-758-2078.

NH 30' corn & bale elevator 1 HP motor good shape $800, 2 pt. sawbuck fits Farmall C Super $125, IHC #16 silage harvester 2 heads $400. Berks Co. 215-286-5434 after 7 p.m.

Snowmobiles Polaris Cobra 440 1978 Ski-Doo TNT 340 1976 w/double trailer $1000, hamburger pattimachine Hobart exercise bike, Schwinn air-dyne, $400. 609-758-9182 after 5.

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2- 18 4-34 tires on 16" JD rims, 2 38-16 JD rims, good round hay bales 4x4's timothy & mixed grass. Mifflin Co. 717-242-6370.

AKC Newfoundland male 9 mths. old, very nice disposition, $150, must sell. Leb. Co 717-367-7367.

Fresh & springing reg. holstein heifers from high record dams, vacc. North'd. Co. 717-742-7008.

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Sex link pullets starting to hay $3.50 ea, $3 25 if you like the rest or 100. Henry Leid. 215-445-4092

MF 510 combine corn & grain head A/C strawchopper wide tires nice, late model #32102, $6,700. Northampton Co. 215-863-4019.

JD A w/227 picker- Wisc motor w/clutch, shaver post driver, hyd hiway mower Gardner denver blower. York Co 717-235-1187.

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Wild turkeys $20, contact Benjamin F Lapp, 77 Schoolhouse Rd, Kirkwood, Pa 17536

Fordson tractor Wash. Co James H Moss, Gaplanc Md 21736, 301-416-2830 after 6 p m

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Standardbred trotter family safe & sound foal 4-24-87, also approx. 3500 4x8x8 glass blocks. Daniel M Hoover, 431 School Rd, Denver, Pa 17517

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Coal heater Victory 700 thermostat, draft control very good cond, $475 Sch Co Pine Grove Pa 717-345 4686

3 steel wheeled manure spreaders McCormick Deering No. #7 horse mower 2 Vulcan horse plows. Grant Co. WV. 304-257-4651.

AKC bred Newfoundland female 4 yrs. old, very friendly. Ammon F. Stoltzfus, 50 Sawmill Rd., New Providence, Pa. 17560.

Magic Chef gas stove $60, fiberglass hood for Starline barn cleaner, firewood cut your own $10 pickup load. 717-464-2270.

Norwegian elkhound puppies. Henry L. Beiler, 534 Liberty Lane, Kirkwood, Pa. 17536.

Store counters, stain glass windows, chestnut & poplar moldings, foundry castings, lighting & lamp shades, doors, columns, posts. York Co. 717-840-4282.

Herd of 45 cows, freshen throughout yr., good milkers, avail. Feb..1, 92 BO- milking equipment. Chester Co. Eli Dienner, Parkesburg, Pa 19365

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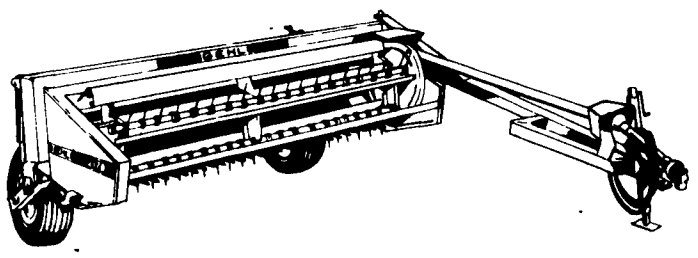

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The Gehl 2140/2170 mower conditioners will thoroughly condition your hay. These pull-type mower conditioners are built for fast cutting, fast drying and worry-free performance. The wide, intermeshing rubber rolls with intermittent ribs give you 35% more working edges than continuous-ribbed rolls, for more thorough conditioning. That means shorter drying time with less leaf damage. See your Gehl dealer today on how the 2140, with a 7 ft. cutting width, and the 2170 with a 9 ft. 3 in. cutting width, will fit into your haymaking operation.

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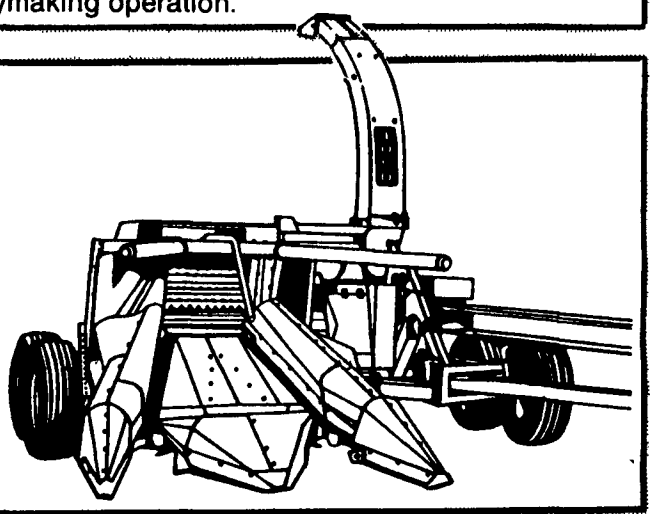

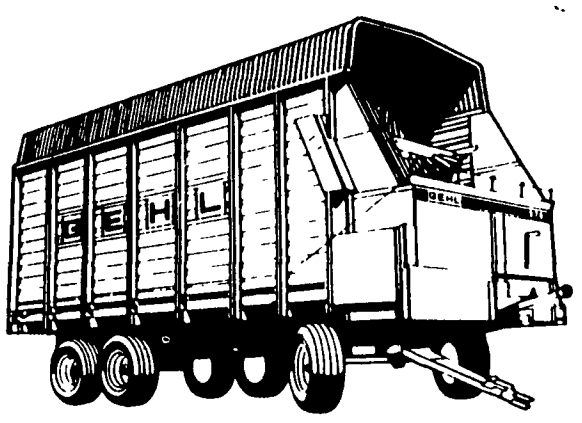

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Angus bull born 3/27/91 sire starstruck birth wt 85 lbs present wt 940 lbs Mtn Valley angus Lanc Co 717-626-4165

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Labrador retrievers in time for X-mas yellow black chocolate 3 wks old Pine Grove, Pa 717-345-8035 anytime

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2- 10x38 JD B tractor wheels, pressed steel, 1 excel , other needs repair $70 for both Montg. Co 215-584-6443

2 hole corn sheller equipped for husking black walnuts $100 York Co 717-244-3534

Big saddlebred carriage horse, 8 yrs old, safe & sound, anybody can drive Abner L Stoltzfus, 101 South Vintage Rd , Paradise, Pa 17562

Tractor New Gravely walk behind, big dual wheels, 16 HP Kohler 30" mower, steering arm, never used Del Co 215-485-6118

500 bu. grain tank w/blower pipe, $75. Lanc Co 215-484-4195

Free used Hart water system, pipes, cups Lanc Co , Gap 717-442-4596

Class 3 trailer hitch for full size Ford van like new, $55, NH plate mill, good cond., $75, Dau Co. 717-896-8349

AKC German shepherd pups, ready to go, also open buggy, good cond Michael S Lapp, 259 Springville Rd , Quarryville, Pa 17566

7000 cornplanter monitor $300 tubes, $15 ea , fert auger filler $200 Gideon Stoltzfus, 561 White Horse Rd., Gap, Pa 17527

1964 Chev 21,000 GVW dump truck w/snow plow 4 spd , 2 spd rear fair cond , $1800 717-266-3564

Quilts hand made sheep skin patch style queen $350, baby $80 Sandy. No checks, cash, money order only Chester Co 215-469-6081

2 steel I beams 7"x14"x3/8", 22'8"L, 24'8"L, $100 ea , or BO Gloucester Co. 609-423-1141 call after 5 p m

10'x50' mobile home 2 bdrms , must be moved, $200, 1976 Honda 500CC motorcycle, needs work, $100 or B O Chester Co 215-932-2548

Good used storm front carriage, fiberglass body thermo pane windows. Clinton Co Elmer Stoltzfus, RD 1 Box 278A, Mill Hall, Pa. 17751.

Winross & Ertl collection by private collector send large SASE for list Jesse Boyer, 951 Krumsville Rd , Kutztown, Pa 19530.

Stainless steel twin tubs, good cond David D Fisher, 318 South Farmersville Rd , Ephrata, Pa 17522.

44" round oak table $300, single iron bed $280, rec feed box $75, tiffany hang ing light $275 Northamp ton Co 215-588-7948

JD radio controlled tractor like new, $50, also steel wheels fits JD size 36" or 38", $375. Lanc. Co. 215-445-7422

Sicilian donkeys, 8 mth olds jacks, 1 grey, 1 chocolate, perfect Christmas gift Cecil Co. Md 410-287-9378 eves

Franklin stove (cast iron fireplace) 27Hx 33Wx 15½ deep 2 folding doors 16Wx 19H, nice grate $50 Bucks Co 215-968-2649

Border Collie puppies purebred beautifully marked, perfect Christmas gift, great w/children, papers avail. Berks Co 215-670-1470

Taylorway 12'XHD offset disc, 28" discs used approx. 200 AC 2- reinforced gravity wagons, batch grain dryer, make offer Harford Co Md 410-836-1722

Butter churn oak barrel w/ tumbling cradle. 125 gal. W-F lat belt, pulley drive, great show piece $175 Alleg. Co 412-835-5621

Cushman-Truckster complete- package car-truckster- for parts package car for parts 55 Ford & 51 Chevy pickup. Adams Co. 717-528-4969.

81 Chevette for parts VW motor both run good, 279 NI cutditioner, AC model CA & equipment Perry Co 717-438-3737.

Train sets diesel locomotive Alco FA-1 Rea22006 Pa new, new 4-60 Baldwin 10 wheeler R10 Gra Sth Fred Co 301-756-2663

10' Dunham disk harrow $700 Cumber Co 717-776-3908.

Plow, sicklebar mower, snow blade drawbars, cults., for Cub Super A, A-V, sidedresser for JD 430, Farmall H plow 16 for FH A antique washstand, nightstand, dl table, Hoosier oak. Salem Co. 609-358-8625

Starter hereford herd, 8 cows, 2 heifer calves, 1 bull, first priority breeding, $8,500 for all Lanc Co. 717-626-7258

Hay, quality alfalfa, also medium quality mixed, locust fence posts, 1966 GMC grain truck, 14' dump, $1200. Berks Co 215-683-8456

Mobile home trailer axles with or without brakes & brand new $75 ea York Co 717-993-3350 after 7 p m

Broadkill Beach, Dela Mobile home on pilings 100x100 lot one lot back from beach, small beach community 215-944-7333

AKC Dalamation puppies shots & wormed, also AKC stud service Pomeranian, Dalmation & Collie Lanc. Co. 717-733-8770

3-PH motors 2- GE 5-HP AC 2 3-HP 20-HP Wanger 7½ -HP 2 Howell 3-HP all motors 3-PH. Chester Co 215-444-0141.

An old upright piano $50 or best offer. Leb. Co. 717-665-7606

Very heavy 12' plowing disk, w/dual wheels & cyl , $1750. Lycom Co 717-745-3305 eves

Hay bromegrass, orchard grass nice color, early cut round bales 600-700 lbs. ea., possible delivery. Col Co. 717-799-5576.

Messinger thrash machine w/straw cutter. Northampton Co. mornings 8a.m.-9:30 a m 215-837-6793

Baler for paper, plastic rubber or whatever makes large bales, $1000 Chester Co 215-495-1021

Deer whitetail, fallow, barbado sheep, buffed, grouse, pheasants, doves, small birds, finches, love birds & others. Franklin Co Chambersburg 717-264-4396

1990 1st, 2nd, 3rd cutting alfalfa hay, 2- 18 4x38" tires 25% tread, no inside breaks, $200 pair Col Co 717-925-6607.

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MAILBOX MARKET FOR SALE

1983 850C Case loader excel. thru out, inquiries welcome. 717-966-2093.

24' Smoker elevator, $150 wheat straw $1.75 @ bale. Kutztown Pt. 215-683-6628.

Silent push mower sharpening & service. Lapp Sharpening Shop, 264 Paradise Lane, Ronks, Pa. 17572 717-687-8237.

1971 Chevy 1 ton long wheel base dully not inspected, Model A Ford restored, Farmall 140 tractor front blade sidemower, 1936 Sears tractor. Westmoreland Co. 412-696-4225.

331 NH manure spreader $525, good cond. holstein bull sire gamaica for heifers $575. Union Co. 717-523-9893.

7 Border Collie pups & 1 yr. old female, would make nice Christmas gifts. Samuel Ebersol, 1061 Osceola Rd, Drumore, Pa 17518.

1982 Plymouth Reliant bad head gasket $250, exercise bike $30, 8' Oliver dozer blade $200, queen size bed, $100. Schuyl. Co. 717-648-4484.

Sheep Romney buck w/ papers 2 yrs., $100, Suffolk buck purebred 2½ yrs., $85, both proven, also lambs. Salem Co. NJ. 609-769-3717.

NH 275 baler w/sweep $750, antique NI manure spreader w/wooden beater bars, $50, antique Johnson harvester horse mower offer. Lanc. Co. 717-653-5926.

2 Brooder houses 12x14 hip roof, good cond, $150 ea. Lanc. Co. 215-445-5631.

African pygmy billy goat born 3/3/91. Lanc. Co. 717-548-2373.

1985 Winnabago Lesharo motor home, good cond., 47,000 miles, $11,500, Muskrat traps & stretchers $25 doz. Lanc. Co. 717-653-4075.

250 golden comet pullets 21 wks. old till Dec. 10, 2-20' val. drinking lines w/ regulators. Lanc. Co 717-354-6637.

Approx. 5 squares used roofing slate 7"x14" fancy cut Leb Co 215-589-5739 eves.

Solid forklift tires, Yokohama 18"x7"x12½" new, never used, $100 or offer. Leb. Co. 717-866-4203.

1969 Chevrolet Impala insp. to 11-92, good tires, runs good $400 OBO. York Co. 717-938-6318 anytime.

Used oak boards, 1"x12", 5'-15' lghts, make offer. Berks Co. 215-369-1624.

JD seven foot bucket fits loaders 245, 260, 265 $400. Warren Co. NJ 908-459-5060 7-10 PM.

Ford 3,000 tractor $2,900 Leb. Co 717-838-9070.

Skid loader, L1300 prime mover 1300 lb. lift capacity, 40 HP diesel motor $6,500. York Co. 717-382-4556

1985 Ford pickup, 302 V8 stepside, 37,000 miles excel., AT w/OD AC AM-FM radio tape deck nice 717-392-8756 eves.

Hammond T211 organ, Spinet model ex. cond. $750.00 OBO. 215-775-4118.

High pressure washer, 2000 PSI, 3 Pt. $1,500. 7 ft. wide loader bucket $400. Kasco dust helmets, fan cooled, ½ price. Berks Co. 215-926-3841.

Holstein bull service age sired by Symbol. Lanc. Co 215-445-5924

Rabbit chages, wire, used, stacked Call after 6 p m York Co. 717-235-4075.

Frame mount only for Dunham Loader for Ford 2000-3000 tractor line New $150. 215-589-5164 after 7 pm. Berks Co.

NI 323 cornpicker, ex. shape, NI 315 manure spreader, Allenville hog hut, wanted. 200 egg incubator. Berks Co 215-944-0671.

Reg. ½ Arab mare white, rides English and western, tireless trail horse sound, spirited, 15 yrs. $750. Dauphin Co. 717-469-0126.

Five horse drawn mowers all good cond Early New Idea horse manure spreader, wood, wide spread Fred Co Md 301-371-9691

30 ac W V fenced like new 3 bedroom rancher, small barn, creek, spring, no property taxes Free hunting, fishing over 65 $52,000 814-435-1097

300 Ford engine $150. Dump bed hoist 8x10 $175 Dauphin o 717-944-1117.

NI model 200 PTO manure spreader complete rebuild stee, rubber, others 12 A, 10A, 14A registered mamouth Jack 15H 814-944-2352 Blair Co

12 HP Cub tractor with snow blower, 42" mower $550. 215-355-8324

Reg Morgan gelding, 14 3 hands, 9 years old, chestnut color $1000 Neg 717-582-2280 Perry Co

JD FBB grain drill 17 hoe $650, Int. 51 forage wagon $450. JD roll guard $75. 301-452-5287 Harford Co

1968 Mustang coupe, 289 auto, 106,000 original mile car, runs ex. looks great $4200 OBO. Berks Co 215-682-4084.

Deutz 5 cyl. engine with GM transmission $1200. Also new parts for Deutz engines. Irwin Nolt East Earl. 717-354-7267.

AKC cocker spanial breeders. Cumberland Co. 717-249-8751.

170 tons haylage can use barn to feed 1990 F150 4x4 19,000 miles, ex. 3½ years left on lease. Berks Co. 215-682-6257.

Pony 13H 3 yr. $650. Black, in foal to POA due 4/92. Quiet clips, loads, trail rides, 4-H prospect. Berks Co. 717-856-1213.

Ford 7710 series II ROPS 800 hrs, 18 4R34, front & back weights, 2 outlets, 540/1000 RPM $19,500 Lanc Co 717-442-4529

Stainless steel sanitary fittings 1½, 2" 90° Ells, tees reducers, used, very good cond. $3 00 to $8.50. Burlington Co. NJ 609-499-3183

1990 Dodge Dakota pickup, 4x4, auto, air cond, every available option, 22,000 miles, full coverage, extended warranty, garage kept. 215-358-5839.

Cat 12 grader with hyd. side boom mower $5000. D4D $5400. Army 6x6 $500. Pull type paver $400. 125 cfm Ing. Rand Comp. $200 Cecil Co. Md. 410-378-2785.

Mixed hay Timothy & clover, no rain $1 70 a bale. Berks Co. 215-367-8764.

Solid silver sherry cups, very old in velvet lined wood case, engraved with initial "G". Nice gift! Chester Co 215-983-9550

Microscope with case, professional Germany make, 4 lenses, 2 5x to 100 power $195. Bucks Co 215-348-1493

Poultry equip 160 8 ft stainless steel water troughs, 36 gas brooder stoves, 40 sets mini drinkers Queen Annes Co 410-556-6116.

Pups AKC Samoyed husky Rottweiler shepherd, Lab's, Dalmation, toy & min poodle, Bichon Lhasa, Westie, Goldens, also stud service 717-768-3320

HD6 Allis Chalmers crawler loader 3-17 Detroit 95% rebuilt, just needs to reinstall, good shape otherwise. $3000 or best offer 717-596-2098.

Gang mowers, 3 units, pull-behind with frame, 6 blade $250. Montg. Co 215-584-4865.

AC 600 4 row no-till planter, dry fert, NH 353 mixer like new, NH 316 baler w/ thrower, Case IH 5100 20x6 w/packer wheels Union Co. 717-966-1561.

Good pony harness $129. Pony saddle $38. double pony work harness with collars, complete, negotiable. Ship UPS. Leb. Co 717-272-6819.

1978 Buick Skylark four new radial tires, black, four door, 52,000 orig miles $650 OBO. Berks Co. 717-933-4594.

Hollymatic patty maker with 3 oz-4 oz. plates, like new $1000. 410-228-2214

20x6 Big Valley gooseneck livestock trailer with mats, new tires, brakes & electrical, good cond. $1850 OBO. Salem Co. NJ 609-769-4159.

Ford F600 mobile home, puller rebuilt 429 engine, great for gooseneck trailer $500 OBO. Call after 5 pm. 717-222-4432.

Golden comet pullets 22 wk. old $3.60 each Lanc. Co. Nathan M Weaver, 734 Glenwood Dr, Ephrata, Pa 17522

Sheep handling equip. consisting of turn-table and three-in-one gate. Interstate 81 at Woodstock, Va 703-459-3564.

McCulloch 610 chain saw & spare chains, ex. shape. Carroll Co. 410-857-4639

1977 sun n'fun travel traler 21' sleeps 6. Good cond $1100 OBO Chester Co. 215-495-7201.

Snowmobiles 1977 Scorpion 440 cc good cond. $395 1979 Arctic Cat Pantera 500 cc ex. cond $795. Leb. Co 717-273-2898 after 4 p m

Int. 550 5-16" bottom plow ex $900. 2 Gehl & 1 Grove hay wagons treated lumber and extended tonguews, $1500 ea. MF model 15, 14' disc $700 10' Brillion cultimulcher $900. Snyder Co. 717-539-2558 eves

Badger vacuum tank 1000 gal., Ritchie water fountain 2 hole and 4, Smoker conr drag, Agway breeding wheel 717-534-3741 Dauphin Co

Round bale feeder in good cond Juniata Co 717-694-3577

Roy Rogers toy guitar in orig box $125 Antique piano stool, maple with claw feet Wanted box for two horse Grueber wagon Harford, Md 401-877-1713

1952 JDB tractor, 4R JD conrplanter, IH fast hitch 4-bottom plow 16", JD 3 row narrow cornhead combine, JD flail chopper, Frederick, Md 301-371-7958

Log splitter 11 HP electric start Honda engine, 22 GPM 2 stage pump, 30" split on axle $1700. Carroll Co Md 301-756-2369

Int TD6 loader runs, good cond $2000 Bucks Co. 215-346-8952.

Ford 5610 with loader, Ford 8000 EZ flow gravity wagon, Richie heated water fountains 1-4 nipple 1-2 nipple, make offer. Carbon Co 717-386-3335

Large Alpine buck 2 years, no papers, 3 Alpine females 8½ months, all vac Disbudded overstock Chester Co. 215-932-8109 after 7 pm

420 JD crawler in excellent condition. New pins & bushings, good undercarriage, with bucket & fork. Berks Co 215-944-9973.

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Gas brooder stove $25 Small JD manure spreader $150 Good cond Phone 215-258-2664 Northampton Co

Topsoil rich sandy loam Eli K Esh, 5170 Martin, Kinzers, Pa 17535 call Mon. eve 6-6 30 717-768-7566.

"HORST AUCTION CENTER"

PUBLIC SALE

Antiques, Household Goods, Tools

Wed., December 11, 1991

3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles West of Ephrata), Ephrata, Lanc. Co., PA.

FURNITURE

Antique Tall Case Clock, Broken Arch Top, Blanket Chests (Red & Yellow); High Dry Sink; Bench Table; Oak Dresser Wardrobe; Library Table; Sofa Table; Walnut Tilt Top Table; Brass Bed; Antique Wooden Cabinet; Plank Bottom Chairs; NEW BIRCH FURNITURE: Rolltop Desk, Desk, Dry Sinks, Ext. Table, Bedroom Suite, Hutch, Gun Cabinet; Sofa Bed; Living Room Suite; La-Z-Boy; Trunks.

APPLIANCES: Refrigerator; G.E. Automatic Washer & Dryer; S.S. & Alum. Kettles.

CHINA & GLASSWARE

Wedgewood; Halls Bowls; Stangl; Set of Community China; Depression Glass; Pressed & Pattern Glass; Hummel Plates & Figurines; Westmoreland; Collector Plates (Franklin Mint, Norman Rockwell, B&G, Royal Copenhagen); Lladro Figurines; Goebel Wildlife Series; Franklin Mint Spoons; Pewter Bowl; Redware & Crocks & Jugs; Kerosene Light; Agateware; Roseville; Ephrata Collector Items; ANTIQUE PA KENTUCKY LONG RIFLE (Brass Patch Box); Brownings .32 Pistol; Powder Horn; Shot Flask; Shelf Clock; Clock Parts; Marx Grader; Dump Truck.

LINENS: Quilt; Fancywork; Lap Robes; Jewelry; Baskets; Cookie Cutters; BOOKS: History Church of Brethren, Phila. Bible, 1885 Taufschein; Banjo; Mandolin; Flat Irons; Golf Clubs.

TOOLS: Sabre Saws; Drills; Grinder/Polisher; Hand Tools; Old Wrenches; Wooden Plane; Dinner Bell; Spider Pan; Antique Sled; Wooden Ext. Ladder; Toro Mower.

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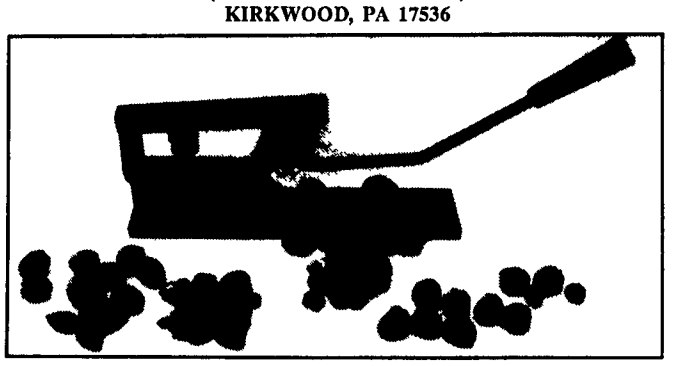

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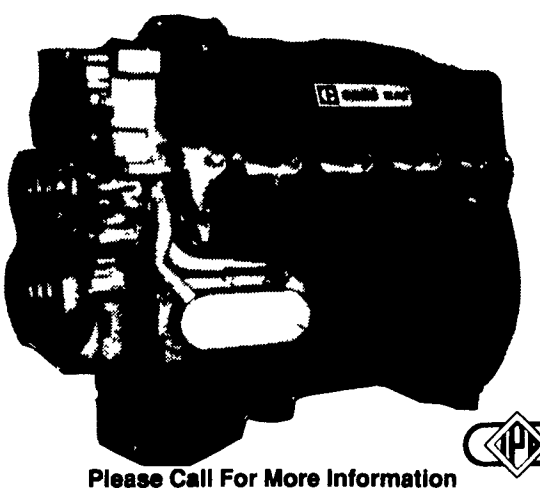

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Log splitter MacKissick, tow behind, excel cond, $900, Farmall cub yellow & white, 48" mower, snow blade excel cond, $1800 Del. Co 215-358-0725.

Dodge cube van good cond., 79 Ford F250 4 WD auto dually 75 Chevy C-65 dump, Case van tractor N Y. 914-266-4120.

Antique Civil War revolver star 44 cal Early American flintlock musket orig cond., flintlock Springfield dated 1809 like new 609-728-2199

Wanted Saw radial arm DeWalt 10" cast arm good cond, $350 Wanted double barrel rifle "have elephant problem" 301-879-1981

3 pt conversion hook up for Int 2 pt hitch, excel cond So Chester Co 215-593-2091

IHC SP 91 combine 8½', $1500, clean, Farmall 460D fntaps $3000, rubber like new Cumb Co 717-249-4996

3 Sears shopper 2 wood stoves (1 pot belly). Franklin Co Jaye Knepper. 717-264-2960

9' drag diskharrow $275, old metal pedal tractor $55, NH PTO manure spreader 220 bushel $775, NH PTO manure spreader 130 bushel $775 717-354-5908

Buckskin 13 2 hands, excel trail, pleasure & gaming pony ridden by a 10 yr old boy, $950 Berks Co 215 926-4086

Surdiac coal stove w/24" glass door excel cond, 15" GM wheels, tire-chains, desk-model sewing machine, student desk. Lanc Co 717-665-5848.

3 pt. bedding chopper chops newspaper straw & hay, different length cuts, PTO, ex. cond, $600 717-626-6059

MF lawn/garden tractor restored & reconditioned like new, w/new Kohler "Magnum" engine, 14 HP, $1800. Lanc Co 215-445-6144

9 wooded acres w/brand new cabin in Clinton Co. includes woodstove gas grill & all furnishings, $39,000 717-627-1937

Reg tri-colored collie male, 13 mo old, proven sire, very playful, loves children, $75 Lanc Co 717-664-4626

Douglas Fir Christmas trees below cost of production, 1000 bushel apple crates $2 50 ea, Super C cultivators. Lanc Co 717-872-5263

1982 Sapparro, made by Mitsubishi, high miles but runs excel Also 1974 TS250 Suzuki $200, $500 OBO for car Perry Co 717-582-7850

Farmall 706 dsl, WF, 3PT dual pto, single remote, 18 4x34 tires, good cond., $5500 neg. Leb Co. 717-469-1356.

1974 Chry. New Yorker Brougham, 39,000 mi, full power, nice clean car, $2250. York Co 717-292-3484 anytime

Cocker Spaniel breeding stock- females $195, males $165. Hog farrowing crates $50 6-hole piggy feeders $30. Berks Co 717-933-8962

Cedar posts $1-$2.25 each NI 1R picker very good $2500 Berks Co. 717-933-4760 or 933-4000

Ceramic molds 100's to choose from, including holidays all shapes & sizes reasonable for one or all Burlington. 609-298-8670

5th wheel trailer hitch for PU truck, Wagner power lift for snow plow, buggy shafts 2 wood 2 fiberglass Berks Co 215-562-5548 eves

Muffler, dsl engine for Genset, sawmill, etc Very quiet, 3" screw ends new $75 Paulsboro, NJ Delivery poss 609-423-7245

Marvel Model 6 reciprocating hacksaw $850, 24" heavy duty thickness planer $850, belt pulley Farmall Cub $75. Flemington, NJ. 908-782-3391.

JD #1 hay crimper, steel rolls; JD A 2R cultivator, 1R horse drawn cultivator, will deliver. Louisa, VA 703-872-5163

Reg Australian Shepherd pups Working parents, fully guaranteed Red tris available, females Ready for Christmas, will hold Bedford Co 814-356-3366

MF 255 dsl tractor 290 hrs, 43 plow mold board 3-pt, Model D harrow type-PSG, 41 mower rear mount, JD planter 2R Sch. Co 717-455-2963.

1986 F150 4 spd 6 cyl 77,000, recent inspection, no longer needed, exc shape must sell $3700 301-834-8480

1R corn picker Dearborn model 16-4 $250 OBO Berks Co Sinking Spring, PA 215-678-2141.

2 yr old registered Holstein bull, dam has 4 records 20,000+ milk, sired by Pac-Man. Carroll Co 410-861-8243

Reg Belgian colt, nice looking, 2 yrs, $1000 or trade for saddlebred mare broke for carriage Cecil Co 301-378-4037.

Tex-Tan roping saddle- 16" seat solid good using saddle $400 Also new English saddle, bridle, pad $185 York Co 717-259-7721

Work horses ready for harc work 1 all purpose mare works single Also cut fire wood Paul B Stoltzfus 302 Horning Rd, New Holland, PA

Oats York Co 717-244-2219

Reg Arab colt 2 yrs. 14 2H now, will mature over 15H chest flashy friendly beautiful head $450 OBO Berks Co. 215-689-4124.

1975 Ford Bronco, 6 way blade, 302 V8, PS, PB auto., 21,000 orig mi $1800 Bucks Co 215-348-2116.

Bumpers- 1987 Ford F350 chrome $75, 1983 GMC C7000 silver $75 OBO Chester Co. 215-383-6865 nights.

Picture window, Thermopane, w/grills, 4 yrs. old, $45. 215-588-0198.

Hoelscher 10 bales hydraulic square bales accululator & bale forks for front end loaders. Blair Co 814-832-2201 7-11PM.

Sprayer, 25 gal 3HP Briggs engine brand new never used, made by Troy-Bilt must sell $500. Bucks Co. 215-822-6026.

1952 JD Cyclone A 3PTH good condition. 8' scraper blade $2500 OBO. 717-942-2848

Manure spreaders- NI 3615 $2600, NI 216 $1600, IH small ground drive, JD 34 repairs. Hunterdon Co. 908-735-7572.

Foley carbide saw grinder Model 310 extra new wheels $800 like new. Berkeley Co, WV. 304-229-5694.

Cedar fence posts: environmentally safe with a 20-40 yr. life. The price is right, so get your order in 717-933-4760.

Standardbred horse black general purpose safe to drive 717-354-4158.

Old log house must be torn down & removed. Dauphin Co 717-896-8729.

Black & tan hound runs fox 3 yrs. old $25. Also Cur squirrel dog $200. Adams Co. 717-528-8320.

EQUIPMENT AUCTION

Sat., Dec. 14, 1991

9:00 A.M.

For: Gentile Brothers Construction Co.
Located: 1953 N. Burlington Road
Bridgeton, New Jersey
To the highest bidder:

Poclain M-LC80 hydraulic backhoe on track, Case D680E backhoe loader, 1968 White tandem truck tractor, 1966 Mack tandem truck tractor, 1966 White single axle truck tractor, 1964 Trailmobile 20 ft. dump trailer, North West M-25 shovel crane, 8,000 gallon water trailer, Schramm 125 trailer mounted air compressor, 2 storage trailers, many electric and air tools - grinders - impact wrenches, etc., heavy equipment tools, hydraulic jacks, track jacks, concrete vibrator, gas powered generator, horizontal air compressor, jack hammers, sand blaster, 4" skill saw, battery charger, air drill, spade with assorted points, electric hacksaw, sheeting hammer, 2- Mueller tapping machines, 3- chain saws, 1¼" Homelite centrifugal pump, 3" mud hog (diaphragm pump), Teel 3" electric mud hog pump, several other pumps, Clinton water test pump, utility trailer, 12'x8' diamond plate body, 2 large concrete buckets, pipe threader with assorted dies, cement saw, torches and gauges, hydraulic press, Waulesha 4 cyl. gas powered trash pump, 2- gas pumps, backhoe buckets (pile spreaders), concrete forms, Chrysler powered jet pump, pull behind strut broom, large lot of assorted 6" to 8" valves, 24" tide gate, sewer plugs, fire plugs, fire extinguishers, copper flaring tool, rubber bumpers for loading docks, large A-frame metal building, chain hoists, cables, straps, clamps, 12½ to 20 ton bull block for cranes, snatch blocks, pulleys, etc., large Mueller tapping machine, cutter to bury cable, overhead trolley, pendulum hooks, wheel pullers, construction heater, windless cable winch, duct pipe, approximately 30 tons various size steel beams and pipes, telephone poles, tractor - truck and equipment tires, shovels, rakes, etc., welding rod, signs, cones, etc., plastic pipe fittings, 50 gallon pickup truck fuel tank, several steel work benches with vises, oil distributor, Spray welding kit, Hilti M-TE17 electric gun, surveyors level with tripod, measuring wheel with counter, antique oak blueprint filing cabinet, 2 - oak office tables, half of a Jersey Central Railroad bridge built late 1800s - removed from Raceway Park in Bridgeton, tons of scrap iron, scrap lumber, etc., etc.

T.J. SULLINS
The Auctioneer

Rain or Shine - Food Available
TERMS: Cash or Traveler's Checks
Personal and company checks will only be accepted with the approval of the owners.
NOTE: Gentile Brothers has been in business for 45 years.
Literally hundreds of items not listed.
Sale Conducted By:
NEWFIELD AUCTION CO.
(609) 697-4053

Public Sale

SAT., JANUARY 18, 1992

10:00 A.M.

Location - Take May Post Office Road south from the square in Strasburg 6 miles, turn right on Eden Road 1 mile to property. From Route 372 at last end of Quarryville, turn north on Eden Road 2½ miles to sale. Eden Twp., Lanc. Co., Pa.

VALUABLE REAL ESTATE

Approximately 5.5 acres of land.
2½ story 8 room house, with vinyl siding. Enclosed and open porch, at rear of house. Large treated deck at front. 2½ baths. Large live-in basement with full bath and solar type window area. Insulated. Hardwood floors, except in kitchen. Coal and wood burning stove in basement for heating entire house. The house proper is only 2 years old.
Concrete block barn and workshop, 30'x56'; work area 28'x46' on two floors. Windows on 3 sides of work area. Two box stalls for horses. Storage room in basement.
1½ acre fenced pasture. 12 large covered individual game bird pens. Several small game bird pens.
10'x20' open front shed - 10'x16' storage barn.
Well - septic system and field.
Full line of wood working shop equipment and small hand air tools.

Inspection of property anytime except Sundays.
Sale at 10:00 A.M. Real Estate 11:00 A.M.

STEPHEN L. ESH
OWNER

DIFFENBACH'S AUCT'S 225L
Phone 393-4464

Lunch Available

PUBLIC AUCTION

WED., DEC. 11 - 6 P.M.

ZIEGLER AUCTION CO.

HERSHEY, PA.

Selling Domestic Single Piston Engine; Walnut Gun Cabinet; Walnut Blanket Chest; Oak Drop Leaf Table; Approx. 30 R.R. Lanterns, Nice Selection; Skaters' Lanterns; Derry Township 15 MPH Speed Sign (Old); Kola Tip Trays; Lionel Wabash 3424 Car And 36621 Refrigerated Car; Victory Line Bus Candy Container; Lg. Oak Commercial Ice Box; Jelly Cupboard; Victrola; Walnut Wall Phone; Early Tavern Table; High Chair; Set Of 4 Plank Bottom Chairs; Oak Drop Leaf Table; Spring Wagon Seat; Wooden Rakes; Plus Much More.

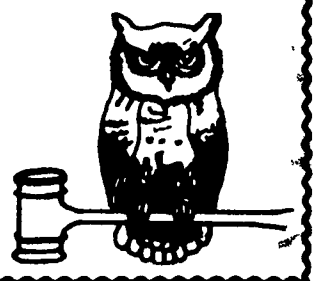
Guns To Be Sold At 7:00 P.M. - Winchester 1873 38 Cal.; U.S. Springfield Mod. 1837; Mod. 1853 Musket; Mod. 1852 New Haven Musket; 1873 Springfield Musket; Winchester Mod. 30 20 Ga.; 16 Ga. Dbl. Barrel; Blunder Buss; Musket Pistol (Pepper Gun & Shot); Stevens Single Shot Pistol; Colt Pistol 44 Cal. 77; Remington 44 Cal. Six Shot; Canteen Civil War; 410 Harrington And Richards Arms.

NOTE: Auction Will Start In Our Front Room At 4 P.M. With Box Lots And Misc. Household.

TERMS: PA. Checks w/Proper ID - *No Out Of State Checks* 6% Sales Tax.

DIRECTIONS: In Hershey Off Rt. 322 Near Hershey Med. Center, Turn South On To Bullfrog Valley Rd. Approx. 2 Miles To Auction.

ZIEGLER AUCTION COMPANY
Jay E. Ziegler, Lic. #AH 0081-L
Hershey, PA
Ph. (717) 533-4267



80+ GRADE & REGISTERED HOLSTEINS

MANY SELL FRESH OR SPRINGING!!

CATTLE EXCHANGE — STONEHURST FARM — DAIRY CLASSICS

FRIDAY, DEC. 20th

- 11 A.M.

******QUALITY DAIRY CATTLE WILL SELL WITH MANY MILKING OVER 100 LBS./DAY!!**
SOME SPECIAL CHRISTMAS GIFTS WILL BE OFFERED

A FANCY MELLWOOD SELLS FRESH 3 WEEKS Backed By A **29,000 Lb. VALIANT DAM.** Next 2 Dams Are Excellent 4E Cows! Big Time Production From Burton Staman Jr.

AN AWESOME VG-2 YR. OLD CLEITUS DTR. SELLS MILKING 110 LBS./DAY. She Made At 1-11 3650 22,860M 3.6 834F & **CARRIES & PTA + 2213M +58F +47P +$230P.** Her Dam Is 2E-92-Dom Art Acres Kay W-ET With 28,090M & Next Dam Is EX-91-GMD-Dom With 34,000M! She May Write Some Bull Contracts! Fair Hill & Vosburg.

A BIG BLACKSTAR BRED HEIFER SELLS DUE 4/91 TO MASCOT. HER DAM IS THE EX-90-GMD-DOM STEPHANIE WITH 51,765M 3.9 2040F! Wow! Prices Dairy.

MILK! MILK! MILK! MILK! MILK! MILK! MILK! MILK! MILK! MILK! MILK!

A FANCY ASTRO JET SELLS FRESH Backed By 3 Gen. Of VG & EX Dams With 4% Fat!

EX-91 STARBUCK SELLS FRESH & Looks Fantastic! She Is Consigned By Paul Mills & He Is Sending Several Other Tremendous Young Cows That Can Show!

A FRESH ROTATE 2 YR. OLD SELLS BACKED BY VG-85-DOM VALIANT DTR. WITH 30,317M 3.8 1145F. She Will Write The Numbers! Lovedal Farm. A Fresh Trifecta Also Sells From The Same Maternal Line.

WARDEN DTR. SELLS FRESH FROM EX-90 DAM WITH 4.6% F. Next Dam VG-87 With 29,040M 4.3 1260F & 3rd Dam Is VG-86 With 26,710M 4.2 1169F. The Honeymooners!

RED & WHITE GENETICS WILL BE OFFERED! A FRESH RED INKA LASS SELLS MILKING 80 Lbs. Her Dam Is VG-88 With 27,750M 3.5,976F. Next Dam 3E-93 147,361M Lifetime! **HER FRESH MOONSHINE MAT. SISTER ALSO SELLS!**

SERVICE AGE BULLS SELL! A BLACKSTAR SON SELLS From The VG Red Satan Dtr. That Topped The Recent Sire Power Sale. **DAM IS MAKING 25,267M & OVER 1000F. AS 2 YR. OLD. A RED VALIANT STAR SONS FROM DAM WITH 30,420M 4.3 1309F 3.3 1004F!**

******MANY FRESH HIGH QUALITY YOUNG GRADE COWS WILL BE OFFERED!******

Cattle Will Be Health Tested & Inoculated Against Shipping Fever.

SALE WILL BE HELD AT THE
BEN K. STOLTZFUS FARM
ON RT. 340 JUST EAST OF INTERCOURSE.
LUNCH AVAILABLE

The CATTLE EXCHANGE
Dave Rama RD 2 Box 79 Delhi, NY 13753
Ph 607/746 2226 Fax 607/746 2911

Stonehurst Farm
1541 Lime Valley Rd
Strasburg, PA 17579

CONSTRUCTION EQUIPMENT AND TRUCK AUCTION
COMPLETE LIQUIDATION

KERSHNER & SON EXCAVATING
GREENCASTLE, PENNSYLVANIA

SATURDAY, DECEMBER 14TH, 10:00 A.M.

LOCATION: Use Interstate Rt. 81 To Exit 3 (Baltimore St.) Use Rt. 16 East 1-1/2 Mile Turn Right On Ridge Road Proceed 1 Mile To Sale Site.

HILITES INCLUDE:

CRAWLER LOADERS: Cat 963, Cat 943 LGP, Cat 955L, Cat 955K, Benati 716. **CRAWLER TRACTORS:** Cat D7F, Cat D6C, Cat D3B, JD 450G, JD 450D. **PAVING EQUIPMENT:** 2-Allatt 200G & JD 570A Motorgrader, IR 600 CFM Air Compressor, Gardner Denver 3000 Airtrac, Hyster C627 Vibratory Roller. **SKID STEERS:** Case 1845C & 1845B, Bobcat 843. **TRACTOR LOADER BACKHOES:** Cat 416 4x4, Case 580K, 2-Case 580 Super E, 3-Case 580C, 4-Ford 555. **RUBBER TIRED LOADERS:** Cat 966D, Cat IT28/Forks, Cat 936, Case W36, Case W20. **TRUCK TRACTORS & PICKUPS: EQUIPMENT TRAILERS:** 3-Rogers 35 Ton Detachables, 1988 Eager Beaver 20 Ton Tag, Eager Beaver 15 Ton Tag, 10-Doolittle Landscape Trailers. **DUMP TRUCKS:** 1988 Diamond Reo Triaxle, 1978 & 1974 Ford Triaxle, 1977 IH Paystar 5000 Triaxle.

SALE SITE PHONE:
717-597-5062

TERMS & CONDITIONS: "Cash" Or "Company Check" Accompanied By Current "Bank Letter Of Guarantee".

ALEX LYON & SON
SALES MANAGERS AND AUCTIONEERS, INC.
SYRACUSE, NY
(EVENINGS) (315) 637-8912
BRIDGEPORT, NY (315) 633-2944
FAX: (315) 633-8010

MAILBOX MARKET FOR SALE

#400 Warm Morning stove good cond $450. Also small Warm Morning stove 7 yr. old reg. saddlebred mare $800. John L Fisher, Narvon, PA.

Artic Cat snowmobile, '86 Pantera, exc. cond., many extras, $2500 OBO. Lanc Co. 717-733-7124.

Old barn boards, oak & misc 1", 2", 10", 12", 14", $5-8 per bd Leb Co 717-274-8899.

Used storm front carriage, fiberglass body, hyd brakes. Emmanuel B Fisher, 103B N. Ronks Rd, Ronks, PA 17572

Minich tob press in good condition $60 John L Zook, Horst Rd, Myerstown, PA

Caterpillar D2 dozer, good cond, new paint & parts, runs & operates, shed kept $3800 Chester Co 215-692-5077 or 215-692-9297 after 6PM

Honda 4-wheeler snow plow $200 3 Meyers snow plows, 6'6", 7', 7'6" with frames & lifts 301-398-7680 nights

1981 Kawasaki KX125 a lot of new parts excellent cond $550, KX250 just invested $750 in parts beautiful $650 Lanc. Co 717-626-7075

Cider press all complete with crusher exc cond Hoosier cabinet exc cond Cecil Co, Md 301-398-5696 after 7

Reg Australian Blue Heeler pups $75 Lanc Co 717-354-7194

Yamaha gas golf cart, 4 wheel, injection system, $900 Cushman scooter, has minute miser, Kohler engine, $600 Both excellent cond 215-358-5839

1953 Chrysler 2 dr hardtop Windsor Deluxe Newport 5 new w/w tires 6 cyl engine, power fluid drive, 46 000 orig miles Montg Co 215-933-2469

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 AM or after 7 PM 201-735-8389 or 201-735-8865.

Case Terratrac 800 loader $3000. 4-cyl. Perkins diesel $150. Ben L Stoltzfus, 5395 James Rd., Mechanicsville, MD 20659

Specializing in pleasure Tennessee walkers Always a good selection of trail & show horses Yearlings, broodmares Stud Service Lester Weber Stables 215-267-7311

Reg Angus bulls and heifers Orange Gate Angus Farm, Maurertown, Va 22644 703-459-3414

Used Bee Equipment Inverbrook Apiaries RD2, Box 230 West Grove Pa 19390 215 869 3353

MINI LOP RABBITS with papers $25 Very lovable pets NZW Rabbits with papers $10 Cecil Co Md, 301 885 2134

Sawmill belt feed, 4 head blocks, good condition Saws, Simon 52", like new, (1) 52", (1) 50" 301-293-2973

Outside calf hutches, $80 each David B Stoltzfus, 57 Grist Rd, Nottingham, PA Take Brown Rd at Little Britain, second road right Lanc Co

Rock Oak, 1" to 1\" Also, Cherry and Poplar After 5 p m, 717-776-3239

12 yr CH Bay trail horse 12 yr ll Arab, sharp, endurance, competitive trail horse Have shots, new shoes 717 432-8282

BOOKS make great Christmas Gifts Huge collections available w/fine items under $20 Call Ron York 717-235-2134

Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench 609-235-3810.

"Frick" portable steam engine, 8½x10 But Straj boiler, excellent condition $7,000. 301-293-2127 afte 6PM

All purpose carts w/ removable back & dump front, 15 & 8 cu ft in stock. Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa. 17505.

2-15 5x38 8 ply Safemark tires, good casings (a little tread) best offer Kasten self unloading wagon front end, good chain & slats for posts Model 2-B Ser. no. 65-24, good auger, best offer Lanc. Co. 665-2928.

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available Cumber Co 717-732-5223

Old farm toys, pedal tractors, misc advertising, very large selection, shown by appointment prices negotiable 717-866-4327 eves

Slate roofs repaired, also general repairs dealer for Fiberdome products, fiberglass feed bins, calf hutches, feed carts, etc 717-687-8069 after 6.

Lots of farm sales literature. All makes, very good selection. Call 717-866-7147 eves.

Hipolito lantern sales & service peerless storage batteries 4 yr. guarantee very reasonable. Sharpening & Engine Service, Hidden Acres, Old Rt. 41, Atglen, Pa. 19310.

Nylon horse halters, different colors & sizes. Also cow bands. John K. Stoltzfus, 277 Maple Shade Rd., Christiana, PA 17509.

1966 Plymouth 4 dr. mint shape, one owner, $4500 Montg. Co. 215-933-2469

Registered miniature horses starting at $600. Miniature potbellied pigs 200-50 302-653-5305.

AC baler w/4 cyl Wisc engine, needs a little repair, $600 John G. Esh, 243 Summit Hill Rd, Quarryville, Pa 17566.

MAILBOX MARKET WANTED

Dressing table kidney shape. Cecil Co. 410-287-5382.

Cole 12MX or multi-flex planter, Hershey 2 row tobacco setter round bale grinder. Loudoun Co. Va. 703-882-3996

Platform scale, accurate, reasonable priced, write or deliver to Aaron Hoover, 531 Snapper Drive, Ephrata, Pa off S. Fairmount Rd.

Furnace kettle for butchering lard press- hog scrapers & stirrer. Ammon Z Martin, 255-A Good's Rd, Ephrata, Pa. 17522

PUBLIC AUCTION THURSDAY, DECEMBER 12, 1991

5:00 PM

To be held at the Mt. Pleasant Mills Fire Dept. Social Hall, Mt. Pleasant Mills, Pa. (Snyder Co.)

DIRECTIONS: From Harrisburg Travel North on Rts. 11-15. Just North of Liverpool. Turn left on Rt. 104. Continue to Intersection of Rt. 35. At Traffic Light Turn Left. Proceed ½ Mile. Turn Left.

TOYS

MARX Tin Pinochio Windup 1939, Marx George Drummer Boy in Original Box, Marx Wind-up Racer #4, Marx Speed Boy Delivery Wind up, Marx Skyhawk, Marx Sparking Tank Wind-up-5-A, Marx Train Set Complete 36345 1829 Engine in Original Box; Marx Water Tower 065 Original Box, Marx Tin Gas Station; Marx Baulky Mule Tin Wind-up, Marx Popeye Carrying Parrots in Cages; **WYANDOTTE TOYS** - Super Main Liner, Army Engineers Truck, Canvas, Steam Ship Pull Toy Gray Vanlines, Cattle Truck, **OTHERS** Tin Garage/2 Cars, License Plates 1918 #314 German; Tin Wind-up Roller, 2 Tin Circus Trains Wind-up, Fair, Lindstrom Wind-up boat, Tin Surfer, Metal Ten Pin Game, Greyhound Tin Bus Kingsbury Toys, Tin Wind up Swallow, German, Tin Cloverdale Truck, Tin Foot Ball-German; Champion Motorcycle and Rider 5" Long Cast Iron, Cast Racer E R Roach, Mt Vernon 101, Cast Arcade Mack Ladder Fire Truck, Auboron Rubber Tractor/Man, Wood Cart and Horse 3" in Box, 2 Smokey & Pet Cap Pistols, Skiing Santa Education Board Oct 1912, Hand Made Bi-Plane and Boat, Wooden Blocks; Handy Andy Tool Set, Hess Train in Van Tonka Builders Supply Fleet 0875 6 Original Box, Fisher Price Mickey Mouse Pull Toy 476, Mickey Mouse German Alarm Clock, Fisher Price Donald Duck 177, Plasticville Village, 2 Plastic Model Airplanes, Hubley Truck 492 a 1, Hubley Log Trailer 493 S S S House Trailer Original Box Friction Fire Department Car, Friction Fire Chief Car 110, A H I Friction Jeep, Original Box, Structo Hydraulic Dump Truck, Like New, 3 Tootsie Toy Trucks, Hop A Long Cassidy Puzzles, Hop A-Long Cassidy Bedspread, A-1, 53 & 54 Child s License Plates; 3-D Puzzles.

MILK BOTTLES

Twin Cedar, McClure, Tri Maple, Selinsgrove, Fisher's, Kreamer-½ pt. & qt, Portzline, Northumberland, Engle s Sunbury; Glen Locke, Sunbury; East Malta, Dalmatia; Hoffman, Gratz-½ & qt.; Troutman, Elizabethville; Green's, Ashland ½ pt; Kauffman's, Mifflintown; Fouses, Marklesburg, Bechtel's, Lewisburg; Dairylea; Shouman, McCuensville, Breisch's, Catawissa; Purity, Lewistown; KV, Bellbille; Valley Farms, Williamsport; Eyers, Eyersgrove; Allegheney, Jersey Shore; Miller-Reed, Shippensburg; Carlisle; Chambersburg; B.C. Lamp, Susquehanna; Lykens; Wehr's, Mifflinburg; Old Field Farms, Clark's Summit; C F. Rothermel, Minersville; Billows, Lykens; Crissinger, Trevorton; Wasson's, Maddisonburg, Misc. Jars including Cohensey and Globe.

POCKET WATCHES & COINS

Hamilton-Railroad-18 Size 992, 21 Jewel Gold; Waltham-18 Size; Hampden, 18 size, Key Wind and Key Set Made 1879, Signed Lafayette Coin Silver Case; New Era-18 Size, Train on Dial; Columbus-18 Size North Star, Elgin-18 Size Made 1899; Elgin 18 Size 15 Jewel Made 1907, Waltham-16 Size; Elgin-10 Size; Waltham-10 Size Colonial, New York Standard-16 Size, Several Mantle Clocks; Silver Dollars-1878, 1879, 2-1880, 1889, 2-1890s, 1895, 1899-0, 1900 0, 1921, 1923, 3-1924, 1972 U S Proof Set, 1971 Eisenhower Proof Dollar, 10 Rolls of Wheat Pennies

GLASS

13 Handleless Cups & Saucers, Salt Dips, Austrian China Plate, Nail Head Butter Dish Shaving Mugs, Shawnee Tea Pot, Ironstone, Calendar Plate 1911 Miniature Compote, Cabbage Rose Bowl, Feather Fans Pattern Glass, Some Cut Glass, Misc Depression 2 Bulls Eye Decanters, Nipon Plate, Dresden Bowl, Hall Tea Pot, Twin Spout G Majolica Type Tumblers, Cululoid Doll, Silver Lustre Pitcher Pressed Glas Compotes MUCH, MUCH MORE'

GUNS

Winchester Legendary Frontiersman Commemorative 38 55 cal Nickel Silver Medallion inlaid in Stock Receiver Engraved 1979 Limited Edition Winchester Model 94 Carbine prs 64, 30 30, Winchester Model 70 Featherweight 6 5x55 Swedish Mauser, first run of this caliber, Bullet Mold marked Winchester Repeating Arms 38 55 cal

ANTIQUES & COLLECTIBLES

Blind Door Corner Cupboard, Coverlet, Emanuel Ettinger, Aaronsburg 1847; Oak Wash Stand, Water Fall Bedroom Suite; Eastlake Love Seat, Folding Screen, Bowtie Quilt, Nursing Rocker, Brass Mirror/Candle Sticks, Miniature Side By Side, Dropleaf Tables, one PA House, High Chair, Mirror/Ornate Frame, Bamboo Plant Stand, Cowden & Wilcox Preserve Jar, Pitcher/Blue, cracked; Hooked Rugs, one Interior Scene, 1 Gal Crock Blue Flower, Sm Preserve Crock/Lid, Henderson Crock Footwarmer; Ice Fishing Perch Decoy, Sugar Shaker, Pinball Machine, 2 Reverse Paintings, 2 Organ Stools; 2 Brass Inkwells; Persian Saddle Flask; Cameras; Lion Beer Tray, Wilkes-Barre; Carter's Indy Racer; Black Man Figurine; Fruit Still Life by Chandler; Wooden Pencil Box; Rug Beater; 1950 Duck & Troxel Calendar, Mdbg., Wood Bucket, Tramp Art Shelf; Primitives; Printer's Tray, Granite Pans, Braided Rug, Case/Sunbury Coke Bottles, Table Yarn Winder, Christmas House/Fence, Baskets Cigar Mold, Candle Box, Butcher Ladle & Skimmer, Sled Wicker Table Chestman Items, Celluloid Animals, 12 Kero Lamps; 1970 80 Coke Trays, Sm Coke Case Wagon, String 13 Graduated Sleigh Bells; 36" Sled, Horse Head on top of Wooden Runners/Indian Picture

FAIR SELECTION OF HOUSEHOLD ITEMS

Eats & Seats Contact auctioneers for information
Owners and Auctioneers Nor Responsible for Accidents

KENNETH E. HASSINGER
RR 2, Box 985
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
RD 1, Box 239
Richfield, PA 17086
(717) 539-8791
AU-002651-L

ABSOLUTE AUCTION - REPOSSESSED VEHICLES

SATURDAY, DECEMBER 14, 1991 AT 11:00 A.M.

KEYSTONE PUBLIC AUTO EXCHANGE, RT. 22/322, BETWEEN DAUPHIN & CLARKS FERRY BRIDGE

1991 DODGE SHADOW, AT, PS, PB, A/C, 300 (M)
1991 FORD ESCORT SDN, AT, PS PB, A/C, 23,000 (M)
1990 GEO TRACKER 4X4, AT, PB, A/C, RED
1990 PLYMOUTH SUNDANCE, AT, PS, PB, A/C, 48,000 (M)
1990 FORD F150 4X4 TK 4 SPD W/OD, PS, PB, 38,000 (M)
1990 CHEVY CORSICA, 6 CYL, AT, PS, PB, A/C, PW, 17,500 (M)
1990 PONTIAC TRANS AM, AT, PS, PB, A/C, PW, PL, 23,000 (M)
1990 TOYOTA CAMRY SDN, AT, PS, PB, A/C, 23,000 (M)
1990 GEO TRACKER, AT, PS, PB, A/C, 19,000 (M) (DAMAGED)
1990 CHEVY CAVALIER CP, AT, A/C, 27,000 (M)
1990 CHEVY CAVALIER CP, 5 SPD, 26,000 (M)
1990 CHEVY CAMARO RS, AT, RED, 7,000 (M)
1990 CHEVY 20 CUSTOM VAN, 42,000 (M) (DAMAGED, SALVAGE CERT)
1990 CHEVY CAVALIER CP, AT, PS, PB, A/C
1990 MAZDA B2200 TK, 5 SPD
1990 FORD E150 VAN
1990 CHEVY CAVALIER SDN, AT, PS, PB, A/C, RED, 25,400 (M)
1990 CHEVY CORSICA, 4 CYL, AT, PS, PB, A/C, 16,580 (M)
1990 PONTIAC GRAND AM, AT, PS, PB, A/C, TILT, 29,000 (M)
1989 DODGE B250 VAN
1989 FORD TEMPO GLS CP 5 SPD, LOADED
1989 MAZDA 323 SE SDN, AT, PS, PB, A/C, 51,000 (M)
1989 FORD THUNDERBIRD, AT, LOADED, 57,000 (M)
1989 LINCOLN TOWNCAR, LOADED
1989 MAZDA 323, AT, PS, PB, A/C, PW, 31,000 (M)
1989 FORD RANGER EXT CAB, 6 CYL, 5 SPD, A/C, 21,000 (M)
1989 FORD ESCORT LX CP
1989 CHEVY S10 BLAZER SPORT, 6 CYL, AT, A/C
1989 HYUNDAI GL SDN, 5 SPD, PS, PB, 52,000 (M)
1989 JEEP COMMANCHE TK
1989 CHEVY CAVALIER Z24, AT, PS, PB, A/C, CRUISE, RED
1989 CHEVY CAVALIER
1989 DODGE VAN
1988 FORD TAURUS
1988 PONTIAC LEMANS, AT, A/C, WHITE, 46,000 (M)
1988 DODGE CARAVAN, 6 CYL, AT, LOADED, 42,900 (M)
1988 CHEVY CAVALIER Z24, 5 SPD, 37,000 (M)
1988 FORD TEMPO
1988 CHEVY BERETTA
1988 ACURA LEGEND SDN, 6 CYL, LOADED
1988 FORD F150 TK, 5 SPD, PS, PB, W/CAP, 59,700 (M)
1988 VW FOX GL, 4 SPD
1988 FORD F250 XLT LARIAT, 8 CYL, AT, LOADED, 36,800 (M)
1988 FORD F150 TK, AT, PS, PB, 57,000 (M)
1988 CHEVY C20 CONVERS. VAN, AT, A/C, 44,000 (M)
1988 CHEVY BERETTA, 6 CYL, 5 SPD, A/C, TILT
1988 FORD ESCORT SDN, AT, A/C, 55,000 (M)
1988 PONTIAC GRAND AM, AT, LOADED, 45,000 (M)
1988 CHEVY CAMARO, 5 SPD, A/C, 34,200 (M)
1988 FORD TAURUS SDN, AT, A/C, 40,500 (M)
1988 HYUNDAI EXCEL SDN, 4 SPD, 36,000 (M)
1988 FORD TEMPO GLS, 5 SPD
1988 MITSUBISHI VAN, AT, PS, PB, A/C
1988 HYUNDAI EXCEL
1988 DODGE ARIES K LE SDN, AT, PS, PB, A/C
1987 CHEVY MONTE CARLO SS, LOADED, WHITE, 57,800 (M)
1987 NISSAN KING CAB 4X4 TK, 5 SPD, 54,000 (M)
1987 MERCURY TOPAZ, 5 SPD
1987 CHRYSLER LEBARON, 4 CYL, LOADED, 53,000 (M)
1987 CHEVY CAMARO IROC, 5 SPD, A/C, T-TOPS, 53,000 (M)
1987 FORD MUSTANG, 4 CYL, AT, PS, PB, A/C
1987 FORD F350, 8 CYL, AT, PS, PB, A/C, CRUISE
1987 PONT GRAND AM, A/C
1987 MAZDA B2200 TK, 5 SPD
1987 FORD ESCORT GT, 5 SPD, A/C, 31,884 (M)
1987 OLDS CALAIS SDN, AT, PS, PB, A/C, 71,000 (M)
1987 OLDS TORONADO TROFEO, LOADED, 6 CYL
1987 PONTIAC SW
1986 CHEVY NOVA
1986 BUICK CENTURY SDN, AT, LOADED
1986 FORD MUSTANG LX, AT
1986 PLYMOUTH RELIANT LE SW, 67,200 (M)
1986 FORD ESCORT SW
1986 CAVALIER SW
1986 DODGE CARAVAN, AT, PS, PB, A/C, 62,000 (M)
1986 CADILLAC DEVILLE, 8 CYL, AT, LOADED
1986 CHEVY SPECTRUM, 5 SPD, A/C
1986 DODGE CARAVAN, 4 CYL, AT, PS, PB, A/C, 57,000 (M)
1986 FORD TEMP CP, 5 SPD, PS, PB, A/C, 64,500 (M)
1986 BUICK SOMERSET CP, LOADED, 58,000 (M)
1986 DODGE CARAVAN
1985 VW QUANTUM SDN, 5 SPD, PS, PB, A/C
1985 MERCURY LYNX SW, 77,000 (M)
1985 CHEVY CAMARO, 8 CYL, AT, A/C, T-TOPS
1985 CHEVY MONTE CARLO, AT, PS, PB, A/C
1985 RENAULT ENCORE
1985 BUICK SKYHAWK (ENGINE BLOWN)
1985 BUICK SKYLARK
1985 CHRYSLER LASER XT, 5 SPD
1985 PONTIAC GRAND AM, AT, LOADED
1985 CHEVY VAN, 8 CYL, AT, PS, PB, A/C
1984 FORD TK 4X4, 53,000 (M)
1981 DODGE RAM 50 TK, AT, PS, PB, A/C
1984 TOYOTA CRESSIDA
1984 BUICK CENTURY, 6 CYL, LOADED, 92,000 (M)
1984 FORD THUNDERBIRD, 65,900 (M)
1984 TOYOTA COROLLA, 67,000 (M)
1983 GMC CONVERS VAN, 69,000 (M)
1983 CHEVY CAPRICE, AT, LOADED
1983 FORD MUSTANG GL CP
1983 CHRYLSER LEBARON CP, AT, PS, PB, A/C
1982 CADILLAC CP DEVILLE, DIESEL
1981 CHEVY TK
1981 CHEVY CHEVETTE, AT, 75,000 (M)
1981 FORD MUSTANG
1981 OLDS TORONADO CP, 8 CYL, LOADED, 78,000 (M)

ALL VEHICLES LISTED ABOVE SOLD "AS IS" TO THE HIGHEST BIDDER REGARDLESS OF PRICE!! TERMS: PUBLIC BUYERS - CASH DEPOSIT OF $500 PLUS ADDITIONAL 25% OF PURCHASE PRICE IN CASH ON DAY OF AUCTION, BALANCE DUE NEXT BUSINESS DAY - IN CASH ONLY!! NO EXCEPTIONS!! DEALER CHECKS ACCEPTED. TEMP. TAGS W/PROOF OF INSURANCE. TITLE WORK/NOTARY ON PREMISES. PLENTY PF PARKING AND FOOD. CALL: 717-921-2200 FOR CONSIGNMENT INFORMATION.
***** DUE TO PRINT DATE THERE ARE APPROX. 25 MORE ABSOLUTES THAT WILL BE IN THE SALE BUT NOT AVAILABLE FOR AD *****
NOTE: THE FOLLOWING VEHICLES WILL BE OFFERED WITH THE RIGHT TO ACCEPT OR REJECT THE BID.

1991 CHEVY CORVETTE, 6 SPD, BLUE
1991 JEEP WRANGLER, 17,000 (M)
1991 FORD RANGER EXT CAB 4X4
1990 MERCEDES 420 SEL
1990 DODGE CARAVAN
1990 TOYOTA TK, 10,000 (M)
1990 PONTIAC SUNBIRD
1990 FORD MUSTANG CONV LIM ED
1990 HYUNDAI SONATA
1990 ACURA INTEGRA LS
1990 MERCURY COUGAR
1990 FORD TAURUS
1990 CHEVY BERETTA
1990 FORD BRONCO II 4X4
1989 DODGE DYNASTY, 31,900 (M)
1989 LINCOLN TOWNCAR
1989 DODGE LE 150 TK
1989 FORD TAURUS SW
1989 CHRYSLER NEW YORKER
1989 GEO METRO
1989 CAMARO RS, 39,500 (M), AT
1989 PONTIAC 6000
1989 GEO METRO
1989 CHEVY CAVALIER
1989 DODGE RAM 50 4X4, 29,000 (M)
1988 FORD ESCORT SW'S (4)
1988 LINCOLN CONTINENTAL, BLUE
1988 DODGE DAYTONA TURBO CP, LOADED
1988 LINCOLN CONT., BLACK
1988 DODGE VAN 250
1988 CHEVY S10 BLAZER
1988 LINCOLN MARK VII
1988 CADILLAC SDN DEVILLE
1988 CHEVY CAMARO
1988 CHEVY CELEBRITY
1988 DODGE CONV. VAN
1988 BUICK SKYLARK
1988 PLYM VOYAGER
1988 ACURA LEGEND
1988 SAAB 900
1988 CADILLAC SDN DEVILLE
1987 CADILLAC TOURING SDN
1987 TOYOTA CARGO VAN
1987 OLDS CALAIS
1987 FORD F150 TK
1987 CADILLAC SDN DEVILLE
1987 FORD AEROSTAR
1987 OLDS 98 TOURING SDN
1987 FORD BRONCO II
1987 FORD LTD SDN
1986 CHEVY CAMARO IROC
1986 FORD TAURUS
1985 MERCEDES 190 F SDN
1984 PONTIAC GRAND PRIX
1983 FORD RANGER 4X4
1982 CADILLAC SDN DEVILLE

SPECIALTY VEHICLES

1991 CORVETTE 6 SPD, BLUE
1990 MERCEDES 420 SEL
1989 THOMPSON DAYTONA 22' BOAT, FULL KITCHEN, BATHROOM, V8, MERC. CRUISER ENGINE W/TRAILER
1984 CITATION BOAT, MOTOR, 4 CYL, MERC. CRUISER & TRAILER

Information believed to be accurate but not guaranteed and subject to change or redemption.
*** APPROX. 150 DEALER AND PUBLIC UNITS IN ADDITION WILL ALSO BE AVAILABLE FOR SALE DAY ***
IF YOU WISH TO SELL A VEHICLE, CALL NOW FOR INFO: 717-921-2200
PLEASE NOTE: CHILDREN UNDER 16 YRS OF AGE WILL NOT BE ADMITTED UNDER ANY CIRCUMSTANCES!!

KEYSTONE PUBLIC AUTO EXCHANGE
KPAE
1111 Rt. 22-322
Dauphin, Pennsylvania 17018
717-921-2200
AU-000057-L

BUCKS COUNTY BANK, CCNB, MELLON, HAMILTON/CORESTATES, LEHIGH VALLEY, FRANKLIN FIRST, DAUPHIN DEPOSIT BANK, DAUPHIN NTL BANK, DROVERS, FARMERS BANK & TRUST HANOVER, FIRST EASTERN, FIRST NATIONAL TRUST BANK, FIRST VALLEY BANK, PA NATIONAL BANK, BELCO GMAC, PFCU, PSECU, GETTYSBURG NTL BANK DAFCU, FARMERS TRUST, HARLEYSVILLE BANK, LANDMARK SAVINGS, US BANK, ALG, CALHOUN COUNTY BANK, ERIE INSURANCE

AH-000057-L

MAILBOX MARKET WANTED

Lionel American Flyer or Ives toy trains, also plastic buildings for train yards. York Co. 3580 Davidsburg Rd., Dover, Pa. 17315, 717-292-1317.

Need baffle plates & misc. parts for South Bend companion cookstove, new or used ok. 717-776-6645.

Architectural antiques-wrought iron fencing, mantels, gates, garden furniture: iron benches, urns also columns. Lanc. Co 717-354-6564.

Used Dadnt 6-12 frame stainless steel honey extractor, never model. Fred. Co. Md. 301-865-3682 eves.

Old cigar industry items cigar boxes, labels, molds, advertising signs, etc. highest prices paid. York Co. 717-252-3591.

Duck eggs up to 2000 a week will pick up year round demand very good income potential. 215-582-4566.

12 or 14' silo unloader. Lanc. Co. 215-445-6825.

Maytag twin & fruit jar parts gas engines, IHC 8-16 wheels, radiator hood or parts tractor, Farmall H motor. Ben J. Kinsinger, RR 1 Box 234A, Meyersdale, Pa. 15552.

2010 JD w/bad motor. 609-299-3506.

Peanut roaster. York Co. 717-225-3741.

Large dog house & small chicken house. Leb. Co. 717-949-3259.

Schwinn Air-Dyne exercise bicycle in good shape. Call 215-926-2441 ask for Coralie.

Work gelding, chunky, 15 hands, 1500 lbs. 7-10 yrs. old, Good for farm work, quiet, full tail. 609-737-3299 (W) or 908-522-9386 (H).

Fiberglass truck cap for Ford Ranger long bed, 86" long, 60" wide, with sliding front window. 301-778-1919

Super A Farmall tractor for parts, any condition considered. Also want Farmall 140 with fast hitch AA Co. Md. 410-741-1652.

10' Feurst tine tooth harrow to drag behind tractor with bar. Cape May NJ 609-884-4466.

PTO bedding shredder. Cumb. Co. NJ 609-825-4603

Rotary sorting table, 3 pt. sub soiler, 3 pt. field sprayer, small, 4 ft. packing line feed belt, Cumberland Co. 609-451-0338.

Log cabins, logsided outbldgs for removal, old wide house & attic flooring - old house salvage, summer kitchens, cash paid. Chester Co. anytime 215-857-5504.

Used milk pump or receiver group for 1½ inch glassline. Berks Co 215-683-7214.

Exhaust valve for 392 Chrys. hemi engine 195€ mode. Wash. Co 301-791-6948.

Conestoga wagon jack also looking for Cushmar motor scooter or parts Lanc. Co 717-354-9127 ask for Allen

48" oak dining table leaves 48" long. Call Ed Sr. 908-873-8840 eves.

Wood & coal stove. Lanc Co. 343 N. Maple Ave., Leola, Pa. 17540. 717-656-6863 6-7 a.m. or p.m.

Bear or Searia self unloading wagon. Lanc. Co. 717-464-2894.

Dutch mini lopp bunnies Sam Lapp, 211 Elm Rd., Lititz, Pa. 17543.

16" auger for post digger 18' grain body or flat bed dump. Leb. Co. 717-867-1170.

10' high 16' long overhead garage door w/track & hardware, good shape York Co. 717-927-6967.

150 to 200 gal. bulk milk tank Cumber Co 717-776-5886 after 5 p.m.

Meat grinder 3 or 5 HP 110/220 V #32 size meat mixer, meat stuffer (air) or (water). North'd. Co. 717-644-0293

Blacksmith forge tools equipment will travel suffolk. N.Y. 516-324-9062.

300 bales alfalfa hay for horses must deliver Williamstown area Camden Co. after 6 p.m 609-567-0679

Attic Flooring and Log Houses. 717-626-4520

H.S. Gilbert Chambersburg 7 in 1 combination wrench wanted. Name your price. Write- Harry Wehler, 3655 Admire Rd., Dover, PA 17315.

Old Maryland milk bottles by serious collector. Cash paid or will trade. Call collect after 6 p.m. 301-721-0473. Crownsville, Maryland.

Miniature jenney donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118

Winross 1989 Touring award employee, member or special issue Corvette club, Elmtree, United Way, Martin Meats, will buy or trade. Mike. Cumb. Co. 717-737-4386.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond Ocean Co N.J. 201-929-4358

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid. York Co 717-292-5573.

MAILBOX MARKET NOTICE

Free Christian booklets on creation, Death, Why Does God Permit Calamities? Write to Lounsbury, 2350 Miller Road, Chester Springs, Pa. 19425

Taking orders: Pioneer Maid cookstoves, Cunningham heaters, tobacco twine, feed additives, soil conditioners, fertilizers. Raymond Stauffer, 991 Fivepointville, Stevens, Pa. 17578.

3 Farmall Super M's with power steering to be sold at Joel King Jr. sale, see ad Also 656 Wheel Weights.

Relief milking service offered in Berks and surrounding counties. Ron Kieffer 215-562-3403.

Will trade 15.50 acres Ulster Co. NY for item(s) or like kind FMV $40K 59-10 69th Street, Maspeth, N Y 11378

Andalusian stallion at stud, 2 reg. half andalusians for sale gray geldings, Maxine 66 Porter Rd, Howell, NJ 07731 908-363-6072

For Rent Horse barn box stalls & paddock, also 36A horse farm w/pasture, also 69A dairy farm Lanc Co 215-445-6453, 717-354-4536

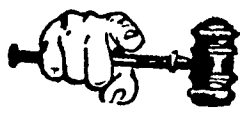
Will board heifers year round pasture w/shade & water. J. Elmer Lapp, RD 6 Box 252, Coatesville, Pa 19320

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Siberian Husky stud service red & white, silver & white, blue eyes. Adams Co. 717-334-3984

BEILER HARNESS SHOP

GOING OUT OF BUSINESS AFTER 20 YRS.
WILL CONTINUE IN SHOE BUSINESS



SAT., DEC. 21, 1991

Sale At 9:00 A.M.

Located, 1 mile east of Quarryville on 372, 4 mi. west of Georgetown, Lanc. Co., PA.

Tack, Snaps, Bridles, Supplies, Hand Tools, Collars, Blankets, Halters, Harnesses and Medical Supplies.

Terms By

BEILER HARNESS SHOP

Auct.—
Robert E. &
Jeffrey R. Martin
656-7770 AU000580L
Randall L. Ranck, App.
No out of state checks
Lunch available

NOTICE OF TIME CHANGE (HAY SALE)

At Goods Auction, 111 North Maple Ave., Leola, Pa.
Starting Jan. 1, 1992
(New Year's Day)
Hay And Straw Sales Will Start
At 10 A.M. Every Wed.
Goods Auction

PUBLIC AUCTION

OUTSTANDING TOY COLLECTION, 100+ WINROSS TRUCKS, 50+ ERTL BANKS, HESS TRUCKS, FARM TOYS, MATCHBOX, TIN, & RUBBER TOYS, ETC.

FRIDAY, DECEMBER 13, 1991
AT 5:00 P.M.

LOCATED: Indoors at the LEESPORT FARMER'S MARKET BANQUET HALL between Reading & Hamburg off Rt. 61 at the North end of Leesport, Berks Co., PA.

WINROSS: Lifesaver (rare), Jones Truck Line double, Hatfield Meats (1st), Goodyear, Hershey Kiss, Overnite, Winross models 1st. truck, Interstate, Roadway, Kodak, Westcane Sugar, Allied Trucks, Special Edition, Air Products (1st), Finco, Pie, Jones Trucking, Brown Transfer, Bill Elliot, Syco, Toy Farmer, Story of Mack 1893-1910, 1911-1913, 1914-1918, Montery Set, Racing Trucks, Leffler Tankers, Allied Spec. Ed., Genessee Beer, Good & Plenty, Fire Co. Trucks, John R. Hess Mini (1st), St. Johnsbury, Hamilton, GMC, Rudolf Express, & Many Other Over The Road Trucks & Older Trucks.

ERTL: Hershey's Chocolate, Miller Beer, Amoco, Sunbeam, Trustworthy, Smokey Bear, Pepsi, Steelcase, Amoco, R. Petty, Mobil, Penn State #1, Iowa Awkeye, Alka Seltzer, Mountain Dew, Texaco & Many Other Ertl Pieces.

MISCELLANEOUS: Selling Approx. 35 Farm Toys, Japanese Tin Toys, Some Windup, Shuco Toys, Dump Trucks, Hubley Steam Shovel, Fire Trucks, Tootsie Toys, Donald Duck Camera, Gulf & Esso Trucks, (5) Midge Toy Trains, Collection Of Double Deck Buses, Corgi Cartoon Characters, Boxes Of Matchboxes, Rubber Toys, And Many Misc. Old & New Toys From 40's, 50's, 60's, & 70's.

NOTE: Something For Everyone. Plan To Attend This Interesting Auction.

APPROX. 400 LOTS BY CATALOG LISTING.

AUCTIONEER:
KENNETH P. LEIBY
R.D. #2, Box 2674
Hamburg, Pa. 19526
215-562-3929
PA L#AU00541-L

PUBLIC AUCTION

Of Antiques, Household Goods, Furniture, Tools 2-Wheel Trailer

Saturday, December 14, 1991
10 A.M.

35 Cottage Avenue, Lancaster, PA
Dir.: East of Lanc. on Rt. 462, turn left 1 block before Community Hospital of Lanc. unto Cottage Ave. Sale on right.

WALNUT SLANT FRONT DESK w/ DEC. TRIM, Grained Dovetailed Blanket-Chest, Marble Top Dresser, **SOFTWOOD WASH STAND W/TEARDROP HANDLES & SHELVES,** 6 Plank Bottom Chairs, Uph. Sofa, Uph. Recliner, Kneehole Desk, 2 Uph. Rockers, Chest of Drawers, Painted Dresser w/Beveled Mirror, Cane Seated Rockers, Wall Mirror, Double Bed, **BOSTON ROCKER,** 3 Sectional Dresser Mirror, Reed Porch Chairs, Assort. of Trunks, Work Bench, Army Cot, Portable Crib, Pictures & Frames, **GIRTY PRINT,** End Tables, Portable Sewing Machine, Assort. of Chairs, Dropleaf Table.

GE Freezer, Air Conditioner, Radios, Fans, Regency Scanner, Records, Camera, Games, Assort. of Books, Cookbooks, Pocket Watches, Sewing Basket, Bedding, Linen, Braided Rug.

Pressed & Pattern Glass, Ironstone, China Pcs., Assort. of Shot Glasses, Wine Set, Milk Bottles, Crocks, Sm. Elec. Appliances, Corning Ware, Kitchen Utensils, Carving Set, Coleman Cooler, Roaster, Stainless Silverware.

2-WHEEL METAL TRAILER W/ RACK 4'x6'

Air Brush Set, 24' Ext. Ladder, 10 Gal. Dry Shop Vac, Wheelbarrow, B&D Saber Saw, Elec. Sander, Concrete Tools, Elec. Supplies, Lots of Hardware, Craftsman Skill Saw, Chain Saw, B&D Drill, Hand Drill Press, Step Ladder (Like New), Weed Eater, Saws, Torch Set, Nice Selection of Hand & Garden Tools.

Garbage Cans, Paint Sprayer, Metal Shelves, Sled, Ice Cream Maker, Lawn Sweeper.

Lots of items too numerous to mention. Cash • Approved Checks • No Out-of-State Checks • Not responsible for Accidents • Good Food.

Sale for:
WILLIAM HAMMERS, JR. EST.

Miller & Siegrist Auctioneers
687-6857 AU-1723L

PUBLIC SALE

BRICK RANCHER - REAL ESTATE STONE & REDWARE, WOOD & TIN ANTIQUES
BLUE BALL

SAT., DECEMBER 14, 1991
AT 9 A.M. REAL ESTATE AT 1 P.M.

Located at 1022 Main St., Blue Ball (East of New Holland, Rt. 23), Lancaster Co., PA.

BRICK RANCHER
w/2 CAR BRICK GARAGE & WORKSHOP
LIVING ROOM, DEN, KITCHEN, dishwasher, refrigerator, stove, FOYER, 3 BEDROOMS, 2 FULL BATHS, LAUNDRY. Call 717-354-7772 or auction firm.

FURNITURE

Canning Cupboard; Oak Desk; Wash Stand; Dresser; Library Table; Plant Stands; Rocker; Blanket Chest; Jelly Cupboard; Oak Pressed Back & Cane Chairs & Rockers; Bench Table; Benches; One Drawer Stand (Tiger Maple Drawer); Pie Safe; Butcher Bench; Antique Sewing Machine; Wood Chest; Mantel Clock.

FINE COLLECTION STONEWARE & REDWARE (Approx. 150 pcs.): STONEWARE CROCKS & JUGS, many w/ COBALT BLUE MARKINGS, many signed; Redware Crocks & Jugs; Bennington.

BUTCHER TOOLS: 4 Pc. Matching Set.

IRON: Ice Tongs; Fry Pans; Griddles; Pie Shovel; Soap Shaver; Boot Jack.

TIN, AGATE, COPPER, BRASS: Ladle; Egg Box; Candle Stand; Railroad Oilers; Dippers; Fat Lamps; Ice Cream Dipper; Milk Pail; Tea Kettles; Scales; Fire Extinguishers; Bells; Straw Cutter; Wash Boilers.

WOOD: Butter Prints; Pie Boards; Wash Boards; Cheese Boxes; Printer's Tray; Buckets; Springer Beer Keg.

WATER COLOR & OIL PAINTING- by "Betty Ford" COLLECTION COOKIE JARS & BANKS; Tin & Brass Railroad Lamps & Lanterns; Station Lamps; KEROSENE LIGHTS.

BASKETS: Rye Straw.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

Terms By:
Samuel Ford
Erma Ford

Timothy J. Reese
Chris Straub, Attys.

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 • (717) 738-3000
Fax # (717) 738-2132
VOICES OF EXPERIENCE

Sale Reports

LANCASTER MENNONITE HIGH SCHOOL SALE

The 19th Annual Lanc. Menn. High School auction was held November 23 at 2176 Lincoln Highway East, Lancaster, Pa.

On Friday evening a pig roast and chicken barbecue were held and 1,100 people were served a meal. A book "Passing on the Faith" by Donald Kraybill was offered for sale. There were 50 books sold and the top price was $3100 with two selling for $1200 each. A skit was put on by two alumni and brought in $500.

Other prices included: Aaron Zook 3-D painting of "The Zook Homestead" for $8000 and 2 small 3-D paintings by Abner Zook "Saw Mill Scene" $4000 and "Threshing Scene" $2500, 2 Ben Brubaker dollhouses "Plantation" $500 and "Victorian" $300.

Among the 60 quilts sold were: Log Cabin $1000, Peach Green Dahlia $1000, Lone Star $1150, President's Wreath $1500 and Sampler $2250.

There were 190 Winross trucks sold and some included: Wenger Feed $220, B.R. Kreider w/cat. $210 and Mast Electric $200.

The auctioneers were Abe Diffenbach and Robert Martin.

Sale Reports

LEFEVER SALE

A Public Auction of real estate and antiques was held November 23 by Roy and Anna Mary Lefever, 219 West Main Street, Leola, Pa. There were 170 registered bidders at the sale.

The 1½ story brick and frame house with an attached 1 car garage on a 50 ft. by 192 ft. lot was sold for $45,000 to Wayne Widders of Leola.

Other prices included: copper wash boiler $60, 2 wicker baskets $55 & $60, 2 Bavaria dishes $45 & $69, set of butter scales with a brass scoop $102.50, milk can $80, 4 German berry saucers $190, old quilt $140, wall rack with beveled mirror $190, blue opalescent candy dish $42.50, Winchester rifle w/ scope $300, Winchester shotgun $205, gingerbread-style mantel clock $135, china dish with pheasant design $120, 2 cast-iron banks $34 & $41, Nippon celery dish $50, kerosene lamp $40, refrigerator/ freezer $150 and blanket chest $250.

Miller & Siegrist were the auctioneers.

FARMER'S SUPPLY CO. SALE

A Two-Day Public Auction of lawn and garden supplies was held November 22 and November 23 by Farmer's Supply Co., 215 East Fulton Street, Lancaster, Pa. There were 253 registered bidders at the two-day sale.

Items sold were: clocks $20 to $50 each, bird baths $25 each, boxes of nails $10 to $14 each, flashing $15 to $25 a roll, sander $52.50, grinder $65, black-top tamper $200, extension ladders $35 to $65 each, wooden bins $70 each, toolbox $50, concrete bucket $175, several concrete forms $210, barrel pump $80, spreader $70, baby coach $80, tricycle $32.50, several sacks of roof cement sold with several 5-gal. buckets of paint $300, several bags of grass seed $200 and several metal clamps $125.

Miller and Siegrist Auction Service managed the sale.

KAUFFMAN SALE

A Public Sale of real estate was held November 23 for Mable B. Kauffman, 79 Circle Drive, Manheim, Lanc. Co., Pa. There were 120 registered for the sale.

The property consisted of a 2-bedroom frame rancher which was sold for $80,000 to Ann Summy of Manheim, Pa.

Paul E. and Aaron E. Martin were the auctioneers.

CONSIGNMENT SALE

A Public Sale of antique glassware, china, pottery, folk art, toys, frakturs and furniture from 65 private collections and estates were sold November 22 and November 23 at the Horst Auction Center, Route 322 at Durlach Road, Ephrata, Pa.

The items were catalogued for the sale by local historian Clarence Spohn and included: 1800's vintage miniature decorated Weber wooden box $9900, set of British dueling pistols $4200, set of French dueling pistols $1950, 2 Hattie Brunner watercolors $1650 each, large bisque-head doll $1450, "Blanche" baby doll $420, frakturs including Bomberger copy book $2300, Musser family register $1575, Johann Eyer bookplate $2550, 1823 German prayer book $1100, Lehnware included 2 saffron cups $650 & $850, egg cup $625, cup and saucer $600 and footed cup $750.

Other items were: redware duck $1025, Adams Rose pitcher $750, Adams Rose platter $260, appliqued quilt $1350, pine bucket bench $1750, decorated blanket chest $2200, three corner cupboards $1050, $1650 & $2550, Queen Anne drop-leaf table $1000, 2-piece walnut bedroom suite $1500, French writing table $1675, and Windsor rocker $800.

The auctioneers were T. Glenn, Timothy G. and Thomas A. Horst. During the two-day event there were 420 registered bidders at the sales.

LARGE PUBLIC AUCTION

ANTIQUES, FURNITURE, HOUSEHOLD GOODS, MASONIC DUDLEY POCKET WATCH, HUMMEL & ROCKWELL COLLECTOR PLATES, GLASSWARE, DISHES, TOOLS & HARDWARE

SAT., DECEMBER 14, 1991

At 8:30 A.M. Sharp

For Mrs. Lena Dudley of Light Street, Balt., Md., now a resident of the Lutheran Home & Others.

Auction to be held in the Chanceford Community Center, 1 block off Rt. 74, Brogue, York Co., PA.

MASONIC "DUDLEY" WATCH IN EXCELLENT RUNNING CONDITION. No. 1 Series. Serial #1667. Will be offered at 12 noon.

Large collection of plates including HUMMELS 1971 thru 1980; NORMAN ROCKWELL HERITAGE COLLECTION PLATES 1977 thru 1990; B&G CHRISTMAS PLATES 1967 thru 1978; BERTA HUMMEL 1971 CHRISTMAS PLATE & others.

Mahogany B.R. furniture; D.R. suite; several nice living room sofas & chairs; several pcs. of bedroom furniture; 2 oak chests of drawers; Hoosier cabinet; dovetail blanket chest w/ original painted wood grain finish; chiffonier; marble top stand; Duncan Phyfe drop leaf table; Zenith color TV; nice upright freezer; 8 pc. D.R. suite; double & single beds; new corner cupboard; 2 oak chairs; 2 book shelves; credenza; Broyhill sofa; coffee & lamp tables; table & floor lamps; desk; Boston rocker; lots of small kitchen appliances; lots of dishes, pots & pans; tin candle lighted projector w/full colored glass slides; Oriental parasol; paper mache rabbits; wooden crate w/labels; very old banjo ukulele; old gold fish bowl on iron pedestal; wicker doll carriage; coaster sleds; Va. Rose china; misc. tools, lg. 150 lb. blacksmith anvil & much more. Hall will be full.

Furniture will be sold at approx. 1 P.M.

Terms: Cash or approved check.

SECHRIST AUCTIONEERS

Bob & Tom Sechrist

Lic. #820-821

Kurt Contres, apprentice

Lic. #A002005-L

Not responsible for accidents - Good Food

This will be our last Auction before Christmas. We will be giving away prizes every half-hour, and GRAND DOOR PRIZES at the end of the auction.

WE WISH OUR PATRONS A VERY MERRY CHRISTMAS AND A JOYOUS NEW YEAR! From Sechrist Auctioneers and Crew

FAWN GROVE, PA. 382-4379 — BOB & TOM SECHRIST Auctioneers — RED LION, PA 244-2675

"Total AUCTION Service"

Lic. Nos. #620 & #621

AUCTION

CIA CERTIFIED INDUSTRIAL AUCTIONEERS

On The Premises Of A

Leading Woodworking Furniture Plant

2625 Mitchell Avenue, Allentown, Pennsylvania

Thursday, December 12, 1991

At 10:00 A.M.

Inspection Day of Sale from 8:00 A.M.

Quality Woodworking Machinery

Sheer Panel Saw Mdl FM 16-3100, 10'x5' Cap w/Scoring (1983), Manea Single Sided Edge Baner Mdl 90 (1988)

Support Machinery: Saws- Straight Line Rip, Table, Band, Cut-Off, Radial Arm Shapers - Twin & Single Vert. Planers; Jointers, Over Head Router, Sanders - Wide Belt, Stroke & Edge, Borers - Vert. & Horiz., Clamps - Case, Chair, Easel & Drawer, Sewing Equipment - (4) Machines, Cutters, Cloth & Leather Air Dryers & Compressors to 25 Hp., Spray Booths, Air Make Up Sys (24) Explosion Proof Rect. Lights, Large Assortment of Electric & Pneumatic Hand Tools, Pallet Racking, 7-1/2 & 25 Hp Dust Collecting Systems, Finished & Unfinished Executive Chairs, Much, much more!!!!

For Additional Information Or To Receive An Auction Flyer

(215) 322-8707 or Fax (215) 860-4727

Pa. Lic. #RY-000005-L

SKY TANGENT FARM

COMPLETE MILKING HERD DISPERSAL

FOR MR. & MRS. MICHAEL WHITE

FRI., DEC. 13, 11:00 A.M.

ADDISON (STEUBEN CO.) NEW YORK

Sale to be held at the farm on Reservoir Hill Road off Steuben Co. Rd. 1 (Addison to Goodhue Lake Road), 2 miles north of Addison.

In order to dedicate more time to their established deer and exotic animal herd, selling will be:

+80 Registered and Grade Holsteins +80

(Interstate Tested - Inoculated Against Shipping Fever and Pregnancy Examined) DHI RHA 2X Official 20,692 milk + 3.6 Fat + 3.3 Protein. The somatic cell count last month was 149,000 and remains continually low enough to win the Poly-O Super Milk Award!

This is a closed herd, artificially sired and bred, health managed and adaptable to freestalls, comfort stalls and stanchions! The cattle are bred with strong emphasis on udders, feet and legs. Sires include: Valiant- Bell- Enhancer- Ned Boy- Merit- Chairman- Klark- Bear.

High T.P.L. Service Sires include: Mark- Blackstar- Vanguard- Cleitus- Glow- Trendy- Thor- Rex- Secret.

Cattle here for any farmer that makes milk for a living! Catalogues at ringside! Trucking Available!

Terms: CASH or honorable check day of auction. Acceptable ID required!

Owned by

Mike & Theresa White & Family

607-359-3921

Auction Conducted By:

James P. Pirrung

PIRRUNG AUCTIONEERS, INC.

Wayland, New York

716-728-2520

PUBLIC AUCTION

AT RUDNICK'S SALES, ROUTE 213, GALENA, MD.

SATURDAY, DECEMBER 14TH, 1991

AT 9:00 A.M.

From the Estate of Eileen M. Darrah and Others Featuring: Mahogany Dining Room Set, Gaming Table, What-Not-Stand, Maple Bedroom Set, Wicker Chairs And Stand, (2) Gothic Chairs, Wicker Doll Coach, Chairs And Stands, Antique China Closet, Empire Bookcase, Dining Room Sideboard, Arrowback Arm Chairs, (4) Oak Cane Seat Chairs, O.G. Wall Mirror, Large Armoire, 10 Pc. Modern Double Bedroom Set, Sofa, Chairs, Table Lamps, Old Bicycles, Bar Stools, 17 Pc. Large Hummel Nativity Set w/Stable And #232 Camel, 1976, 77, 78 Christmas Ornaments, 1971 To 1984 Hummel Plates w/Additional Hummels. **Glassware To Include:** Flask, Cranberry, Delaware, Opalescent, Coinspot, Milk Glass, Lustre, Etched And Thumb Print, Collection Of Salt And Peppers, Plates, Antique Oil Lamps, Cruets, Syrup Bottles, Sugar Shaker, Butter Dishes, Wavecrest Powder Box, Victorian Cream And Sugar Bristol Glass, Cranberry Swirl Pitcher, Flowblue. Hundreds Of Pieces Of c1800 Fine Glass, Etc. Large Bisque Figure, Brides Basket, Hatpins, Depression Glass, Oil Lamps, Electric Lamps, Sterling, Silverplate, Old Windup Toys, Composition Dolls, Batter Operated Toys, Set of 9 Boehm Plates (Wildlife Series), Cobalt And Gold Rims Made By Lenox, Children's Toys And Infant Items. PLUS A Fine Selection Of Oriental Rugs And Jewelry, Baseball Cards (Lots & Individual), Toro Lawn Mowers, Lots Of Tools.

NO SALE SATURDAY, DECEMBER 28TH

Our Next Furniture And Antique Sale Will Be

SATURDAY, JANUARY 11, 1992

HARRY RUDNICK & SONS, INC.

SALES MANAGERS, AUCTIONEERS, REAL ESTATE BROKER

Galena, MD 21635 **Phone 410-648-5601**

2 AUCTION SALES

BIKES, TOYS, DECORATIONS, CLOTHING, BEDSPREADS, BABY ITEMS, HARDWARE & HOUSEWARES

TUESDAY, DECEMBER 10 - 10 A.M.

ON PREMISES

1825 E. BOSTON AVENUE - PHILADELPHIA, PA.

SALE FOR ACCOUNT OF UNDERWRITERS & OTHERS COMPRISING IN PART:

BIKES, TOYS & DECORATIONS

108- 12" Children's Bikes w/Training Wheels, Asst. 24" & 26" 10 Sp. Bikes, 10" Children's Bikes, 8" Mini Scooters, Xmas Stocking, Wrapping Paper, Tags, Xmas Candles, Lights, Ornaments, Lighted Snow Globes, Children's Books, Wooden Toy Chests, Nursery Ponies, Rocking Horses, Battery Operated Cars, Jeeps, Miniature Car Sets, Wireless Remote Control 4x4's, Roller Skating Chimp Dolls, Outdoor Roller Skates, Real Sound Fire Engines, Motorized Water Pistols, Stuffed Animals

CLOTHING, BEDSPREADS, BABY ITEMS

Quilted Bedspreads, Various Sizes & Colors, Men & Boys Sweaters, Children's Nylon Jackets, Women's Wool Sweaters & Skirts, High Chair Pads, Crib Pads & Bumpers, Baby Car Seat Covers, 3-in-1 Travel Play Pen, Baby Walkers, Strollers, Child's Car Seats, Chrome Clothing Racks, Baby Spoon & Fork Sets.

HARDWARE & ASST. HOUSEWARES

Motorcycle & Car Mirrors, Gas Treatment, Anti-Freeze, Rust Inhibitor, Car Roof Racks, Sewing & Mirrow Machine Units, Elect. Steam Generator w/Iron, Craftsman Wet/Dry Vac, Asst. Loose Screws, Asst. Packaged Hardware, Light Bulbs, Elec Air Cleaners, Scrub, Deck, Hand Brushes, Sm. Paint Brushes, Asst Drain Openers, Floor Restorer, Clothes Pins, Dish Liquid, Laundry Detergent, Brooms, Etc , Ice Cream Makers, Popcorn Machines, V C R w/Remote, Meat Grinders, Crock Pots, Instant Hair Setters, Hair Dryers, Alcohol Log Sets, Jewelry Armoire, 3 Pc Vanity Sets, Fireplace Sets, Brass Snack Table, Magazine & Spice Racks, Waffle Irons, Office Chairs, & Stools, Customers, Wooden Figures, Brass Table & Chair Sets, Machine Pads, Patio Table & Chairs, Foot Lockers.

INSPECTION: MONDAY, DECEMBER 9 - 9 A.M. - 4 P.M.

TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQUIRED.

SALE BY ORDER OF OWNER

CONTRACTOR'S EQUIPMENT VEHICLES, OFFICE TRAILERS, FURNITURE

WEDNESDAY, DECEMBER 11 - 10 A.M.

ON PREMISES

C. ERICKSON & SONS, INC.

170 W. BERKS ST., PHILA., PA.

VEHICLES, OFFICE TRAILERS, CAR PHONES, AIR COMPRESSOR

'87 Merc. Sable Sdn., '88 F-250 Pick-Up, '88 F-150 Pick-Up, '87 Chevy 3/4 Ton Pick-Up, '80 Jeep Flatbed Truck w/Plow, '89 F-350 Welding Truck, 4 Office Trailers, G.E. Intrinsic Safe Walkie Talkies & Base Station, Fujitsu & Alex Cellular Car Phones, Smith 100 Air Compressor.

CONTRACTORS EQUIPMENT, OFFICE FURNITURE

Lincoln & Miller Arc. Welders, Explosion Proof Plugs & Lights, Kalamazoo Band Saw, Rigid Pipe Equip., Sumnar Roustabouts, Concrete Finishers, Hand Tools, Welding Accessories, Power Tools, 2 & 3 Dr. File Cabinets, Walnut Executive Desk & Credenza, Mahogany Conference Table, Sofas, Chairs, Blueprint Cabinets.

INSPECTION: TUESDAY, DECEMBER 10 - 12 NOON TO 2 P.M.

TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQUIRED.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834 — COMLY Auctioneers — WM F COMLY & SON, INC.

1825 East Boston Avenue

Philadelphia, PA 19125

(215) 634-2500

Sale Reports

PUBLIC SALE
OF REAL ESTATE
(Fine Stone & Brick Ranch House w/Attached 1-Car Garage)
GOOD CLEAN FURNITURE, HOUSEHOLD GOODS, 22' CAMPING TRAILER, BOATS & MOTORS - FISHING EQUIPMENT, 1990 YAMAHA MOTORCYCLE (LN) 1975 FORD PICKUP TRUCK w/CAP, POWER & HAND TOOLS- CONSTRUCTION SUPPLIES
THURS., DEC. 12, 1991
AT 9:00 A.M.

Loc. 12 Dogwood Lane, Conestoga Gardens, Lancaster, PA. (Dir.: Take East King Street to Grauer's Paint & Decorating Center & turn right onto Conestoga Drive. Then turn left onto Landis Drive. Then left onto Dogwood Lane.)
Property open for inspection: Sat's, Nov. 23, 30 & Dec. 7 from 10:00 A.M. until 12:00 Noon. Or phone (717) 464-3541. Real estate to be sold at 1:00 P.M.

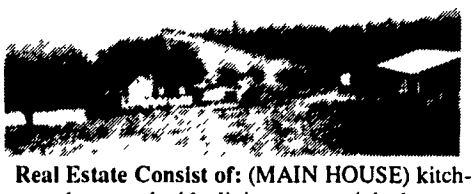
Sale by:
MILDRED T. KOLLER ESTATE
(Mrs. Harold W. Koller)

Lawrence E. Stengel, Attorney
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food Served

ALL AMERICAN AUCTION SERVICE
DARVIN J. RODGERS, JR.
PHILIP V. NISSLEY
J. KEVIN NOLL
LICENSED • BONDED
ESTATES • BUSINESS • FARM • HOUSEHOLD
REAL ESTATE LIQUIDATORS • VEHICLES • ANTIQUES
NO CHARGE FOR CONSULTATIONS & APPRAISALS

PUBLIC AUCTION
205 Acres M/L Farm
Approx. 100 Tillable
Sat., January 11, 1992
12:00 Noon Sharp

Farm Locatecd: Beech Creek Pa. Clinton County. Beech Creek Township. Approx. 3 miles south of Rt. 150 at Beech Creek, Pa. Just 9 miles south of Lock Haven or 28 miles north of State College, Pa. Turn at Centre & Clinton County bridge (Rt. 150). Take next Rd. right travel approx. 2 miles (LOOK FOR AUCTION SIGNS).



Real Estate Consist of: (MAIN HOUSE) kitchen, washroom, double living room, 4 bedrooms, bath and attic, heated w/hot water, well water, fireplace, 4 car garage, 16x24 above ground pool and satellite dish.

Also on premises: (TWO RENTAL PROPERTIES) 12x65 mobile home, also a wood frame house w/double living room, kitchen, 3 large bedrooms. Heated by coal furnace, spring water.

Other buildings on farm include modern 44x80 pole barn suitable for beef cattle or horses, a 36x36 double corn crib, large open front implement shed, pig barn and other small buildings.

There is a stream on farm as well as several springs for animals.

Productive Farm, Excellent Hunting, Week End Retreat or Investment.

Located near Bald Eagle State Park also Near Amish Community also in the Keystone Central School Dist.

TERMS: 5% DOWN DAY OF SALE BALANCE DUE WITHIN 45 DAYS FROM DAY OF SALE.

To view Real Estate call Gerald & Elizabeth DuFour at (717) 962-2361 between 4 and 6 pm. after or before call All-American Auction Service (717) 426-3769.

Selling for:
GERALD & ELIZABETH DU FOUR
Darvin J. Rodgers, Jr. Auct.
J. Kevin Noll, Appr. Rltr.
Philip V. Nissley, Auct.
2426 Donegal Springs Road
Marietta, Pa. 17547
(717) 426-3769
Broker Participation Welcome
(Call for details)

FARM EQUIPMENT — AUCTION — *CRAWFORDSVILLE INDIANA*
SCHRADER

MONDAY, DECEMBER 16
At 11 AM EASTERN, 10 AM CENTRAL
***LOCATION:* 2 ½ Miles north of I-74 (at CRAWFORDSVILLE, IN) on U.S. 231 to CR 550N (at Cherry Grove Co-op elevator), then 2¾ miles east to CR 275E, then 2 miles south to the auction.**
***AUCTIONEER'S NOTE:* Don't miss this opportunity to buy these sharp, low houred tractors, combines and heads. Crawfordsville was hard hit by drought this year. This could very well be one of your best opportunities to buy sharp equipment in a drought stricken area.**

(2) 1988 JD 4850 MFWD
***** STEIGER PANTHER III ST 310***
KUBOTA L 2550 w/LOADER
***** CAT D-4 ** (2) 5' MOWERS***

(2) 1988 JD 4850 MFWD tractors, 18.4R-42 tires & factory hub duals, 16.9-28 fronts, with front fenders, triple remote, quick couplers & full sets of front weights, 1,185 hours and 1,728 hours * **1978 Steiger Panther III ST 310 tractor,** 20.8-38 tires and duals, 20 speed transmission, 3 pt., triple remote, new front inside tires, 4286 hours * **D-4 Caterpillar** crawler with 8' blade * **1988 Kubota L2550 tractor** with front wheel assist, 11.2-24 lugged rear tires, 7.16-16 lugged fronts, 340 hours, with Kubota BF 400G loader, 5' dual ram hydraulic bucket, shuttle transmission w/syncroshift * **5' Ford 951A,** 3 pt. rotary mower * **5' Ford 930A,** 3 pt., 3 blade finish mower.

(2) JD 8820 COMBINES
***** (2) JD 920 PLATFORMS***
***** (2) JD 843 CORN HEADS***

(2) 1984 JD 8820 Titan Turbo combines, 30.5L-32 inside tires, 18.4-38 straddle row duals, 14.2-24 lugged rear tires, 1255 hours and 1546 hours * **(2) 1990 JD 920** grain platforms * **(2) JD 843** low profile, oil bath corn heads (bought new in 1984).

24 ROW PLANTER ** 12 ROW CULTIVATORS ** DMI TIGER II DISKS ** PLOWS
***** TILLAGE EQUIPMENT***

Kinze 24 row x 30" planter, corn and bean cups, rear fold, Dickey John monitor, plumbed for fertilizer, JD planter units rebuilt in 1990 * **14' DMI Tiger-Two Yield-Till** w/5 shank spring loaded V-plow, independent hydraulic 20" double disc section and ridge reducer * **9 shank Landoll Soil Master** disk-chisel * **IH 720, 6-18 auto spring reset plow,** with spring loaded coulters, clod buster drag * **30' Brillion** flat fold cultimulcher * **32' Wilrich field cultivator,** with 3 bar Remlinger spike harrow * **25' Krause Model 1928** rock flex disk on 8" spacing * **16' Case G109-181** disk w/22" blades * **30' Landoll Tilloll** soil finisher * **12 row x 30" Brillion** flat fold danish tine cultivator * **12 row x 30" Brillion,** hydraulic fold, danish cultivator * **30' M & W Model 1930** flat fold rotary hoe * **3 pt., wheel** track eliminator * **10' pasture** harrow.

***IRRIGATION EQUIPMENT*-- Gorman Rupp,** pto, portable irrigation pump, 4" intake, 6" outlet, 650 GPM * **(50) 30'x6"** aluminum irrigation pipe * **(3) Rain Bird 100B** end guns and risers * **other risers,** elbows and fittings.

***TERMS:* Cash or check with proper I.D. Not responsible for accidents. Lunch available.**

OWNER:
KARLE FARMS
317-362-9600 from 8:00 A.M.-5:00 P.M., MON.-FRI.
SALE MANAGER: Gary Bailey
219-858-9759 (evenings)

SCHRADER REAL ESTATE & AUCTION COMPANY, INC.
209 W. Van Buren, Columbia City, IN 46725
219-244-7606 or 1-800-451-2709

ALLGYER SALE

A Public Sale of registered Holsteins was held November 22 by Reuben S. and Sadie Allgyer, Skiles Road, Chester Co., Pa.

The average of the 44 cows and calves sold was $1105 with the top cow selling for $1970. The average of the 9 top milking cows was $1649.

Steve and Steve Jr. Petersheim were the auctioneers.

LA PORTA SALE

A Public Sale of farm machinery was held November 23 by Andrew La Porta, 2 miles south of Littlestown, Pa. on Route 194.

Some prices received were: Ford 7700 tractor $11,100, Farmall H tractor $850, Farmall Cub tractor $2400, Case Int. Model 842 round baler $3700, White 5400 6-row planter $800, 2 Pequea hay wagons $1600 & $1750, N.H. 275 baler $750, high clearance chisel plow $800, Ford 4-bottom plow $400, Int. forage wagon $1300, M.F. model 510 combine w/grain & corn heads $3450, Kilbros grain wagon $850 and Int. Harvestor hay conditioner Model 990 $395.

Keith and Kevin Yingling were the auctioneers.

O'NEILLS SALE

A Public Auction of real estate was held November 19 at Ridge Road at Prospect Road, Peach Bottom Twp. York Co., Pa.

The 110-acre farm with an old farm house was sold for $310,000.

O'Neills Auction Co., conducted the sale.

BURKE SALE

A Public Sale of antiques was held November 21 for two estates located Warehouse off Route 6, Wyoming Co., Meshoppen, Pa.

Some prices were: Wm. Krale & Co. grand piano $600, Aladdin lamp $100, 2 Chesterfield chairs $40 each, 4 ice cream chairs $17.50 each, spider-leg floor lamp $27.50, iron pot stand $22.50, leather top 3-drawer chest $110, crouch mahogany chest $100, sideboard w/gallery & mirror $125, 14 black walnut valances $10 each, Lincoln rocker $50 and throw rugs $15 to $20 each.

Jerry Burke was the auctioneer.

BURKE SALE

A Public Sale of real estate was held November 23 at Factoryville, Pa. at the junction of Routes 6 and 11.

The 5 acres with a house, garage and antique shop was sold for $175,000.

Jerry Burke was the auctioneer.

PUBLIC SALE
OF ANTIQUES & HOUSEHOLD GOODS
HINKLETOWN - BLUE BALL AREA
FRI., DECEMBER 13, 1991
AT 11 A.M.

Located at corner of Rt. 322 & Reidenbach Rd. (between Ephrata & Blue Ball), Earl Township, Lanc. Co., PA.

FURNITURE

Waterfall Bedroom Suite; Extension Table; Oak Table; Rock Maple Bedroom Suite; Cedar Chest; Living Room Suite; Decorated Chairs; Modern Dry Sink.

APPLIANCES: Automatic Washer (Like New); Dryer; Wringer Washer; Refrigerator; Air Conditioner; Sweeper w/ Power Head; Kerosene Heaters; Sofa Bed; Nursing Rockers; Goose Neck Rockers; Desk; Formica Top Table; Oak Stand; Patio Furniture; Porch Swing; Benches; Child's Chair; Dough Box; Pictures & Frames.

CHINA & GLASSWARE

Carnival; Imperial Glass; "Dianne" Set of Dishes; Iris; Depression Glass; Kerosene Light Harker Cake Set; Tea Pots; Cookie Jars; Pressed & Pattern Glass; Serving Bowls; Oven Serve Crocks; Silverware; S.S. & Alum. Cookware; Fry Pans; Agate Sunbeam Mixer; Toaster Oven; Tupperware.

LINENS: Quilts; Chenille; Bedding; Fancywork; Braided Items.

TOOLS: Rototiller.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

Terms By:
FANNIE D. AUKER ESTATE
717-354-5916

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
VOICES OF EXPERIENCE

J. Robert Meyers, AU-000-601-L ..... Auctioneer
Smith and Alleman ..... Clerks

PUBLIC SALE
OF PERSONAL PROPERTY - ANTIQUES
At the Lemaster Community Center, Lemaster, Franklin Co., Pa., 13 miles southwest of Chambersburg, Pa., on:
WEDNESDAY, DECEMBER 11, 1991
at 4:00 P.M.

FURNITURE - Two walnut spool headboards; oak smoking stand; small desk; trunk; walnut clock shelf; chairs; mirrors; many other pieces, etc.

GLASS - Early American pattern; cut; cranberry; 30 pieces of good Goofus; Venetian; milk; End-of-Day; large amount of crystal stemware; Vaseline; Mary Gregory water set; custard; satin; baskets; Cambridge Gzurite vase; two punchbowls and cups; Heliotrope bowl; Duncan-Miller; blue stretch glass; domes; etc.

LAMPS - Gone with the Wind; brass; glass; kerosene; miniature; and more.

CHINA & PORCELAIN - Handpainted plates; Rosenthal blue and white charger; Danish Christmas plates; collector's plates; 88-piece set of Noritake china dishes; 6 Tiffany demitasse cups and saucers; 32 pieces Occupied Japan Blue Willow; Oriental porcelains and figurines, etc.

MISCELLANEOUS - Toys including Schoenhut piano, iron, banks, games, dolls, dollhouses, furniture, dishes, and more; primitives such as up and down cedar churn; coffee grinder; fireplace tools; blacksmith forged trammels; 2 strands of sleighbells; Currier & Ives prints; musical instruments; pewter and silver items; postcard album; marbles; baskets; Oriental rugs and tapestries; books; etc.

AUCTIONEER'S NOTE: Folks, illness has made the sale of this collection necessary. This good merchandise is available for Christmas. Lunch stand. Doors open at 2:00 P.M.

Sale Reports

NEAD & McLENNAN SALE

A Public Auction of a Juniata County cabin and 21 acres was held November 23 3 miles west of Thompsontown along Route 333 in Walker Twp.

The cement block cabin on 21 acres bordering State Game Lands was sold for $58,000. The owners were V. Larry Nead and Beverly F. McLennan.

Long's Auction Service conducted the sale.

SCHELL SALE

A Public Sale of real estate and antiques was held November 23 by Samuel and Bessie Schell in the village of Mt. Aetna, Marion Twp., Berks Co., Pa. along Route 501, three miles north of Myerstown.

The 36-acre farm with a 2½-story log house with siding, 1½-story summer house, and a large barn was sold for $199,000.

Other prices were: Moyer & Schaeffer market wagon made in Myerstown $2600, lamp for same $300, sled $500, family sleigh $675 and copper apple butter kettle $375.

Dale L. Putt was the auctioneer.

PUBLIC AUCTION
MON., DEC. 9, 1991
5:30 PM
Located at Bareville Fire Hall, 211 E. Main St., Leola (Rt. 23)
TRUCKLOAD OF GROCERIES
Large assortment of groceries including soaps, cereal, pet foods, canned goods etc. To be sold in mixed & case lots.
Sale by:
BAREVILLE FIRE CO.
Local Auctioneers
AU-1906
Food Served

PUBLIC AUCTION
MODERN FARM EQUIP. AUCTION
Sat., Dec. 28, 1991 at 11 A.M.
(Between Reading & Allentown) 1st farm West of the Borough of Fleetwood toward Blandon, along West Main St., Berks Co., Pa.

TRACTORS
JD 4440 diesel, pwr shift & sound guard cab, triple hyd outlets, 3300 hrs; JD 2940 diesel w/dual hyd outlets, 3900 hrs; JD 3010 diesel w/Roll-O-Matic & dual hyd outlets; set of 20.8-38" snap on duals.

SKID LOADER
Case 1845 B diesel w/84" bucket, 2200 hrs.

TILLAGE
Unverferth Penetrator coulter & 7 tooth chisel pl comb w/leveling bar; AC Mod 2000/5-16" hy. reset pl; Sunflower 18' Rockflex Mod 1232 wing disc; Brillion 21'-X fold dual wheel transport cultipacker.

PLANTING
JD 7200 Max-Emerge - 2 vacuum metered no till planter w/dry fertilizer w/hopper extensions; Vermeer Mod 107, 10' - 18 disc no till drill.

HAYING
NH 489 haybine; Pequea 710 PTO hay tedder (did 26 acres new); JD 670 - 9' rake w/frt dolly wheel; NH 316 Hayliner baler w/#70 thrower; 3- 8'-16' & 8'x18' metal bale side wagons; 7'x16' wdn bale side wagon; Zimmerman 36' c & bale elev.

GRAIN
JD 6600 rotary screen combine w/Dual-A-Matic header control 2663 hrs; nice #215 grain head; 444 c head, can be used as 4 r wide or 5 r narrow; straw chopper for 6600 series combines; 2- custom made header carriers; 2- Country Boy 300 bu gravity bin wagons; My-D Hand-D 8'x56' transport auger.

TRUCKS
1970 Int 1600 Loadstar w/345 engine w/12' steel dump body w/auxiliary hyd attach for auger, 24,000 GVW; 1967 GMC mod 7500, 24,000 GVW w/24' grain tight body (nice for hay).

SPRAYING & FERT
Zimmerman 500 gal. tandem axle sprayer w/inline tank, chemical induction tank, foam markers, safety water tank, elec valve controls, & 45' hyd folding boom; 2-2000 gal. fert tanks (heavy duty) w/ss fittings; 1-1500 gal fert tank; McCurdy hyd fert auger for dump truck; Lely 3 pt 660 lb spreader; Homelite fert transfer pump.

MISC.
H & S (Mod 295 bu) tandem axle manure spreader w/hyd end gate; Westgo Mod 2020/3 pt 4 r S tine cultivator; Feed Easy (Van Dale) 18' self leveling silo unloader; Badger TA-54 hopper silo blower; Heubler #818 sp mixing type feed cart; Speeco 3 pt post hole digger 9" auger; Ford mod 953/3 pt 7' rotary cutter; 4 wheel farm trl; 3 pt. 8' Work Saver blade; 2-300 gal skid fuel tanks; 2- 110 gal portable fuel tanks w/12 volt pumps; 4- calf hutches; 2- pick up tool boxes; hyd cyls; hay ring feeders; MC 9' drag finishing disc; Case 5' trlr rotary cutter; David Bradley garden tractor w/culti & sn pl.

TRAILER
Southeast 6'-6" x 16' tandem axle 10,000 lb construction trl w/ramps.

TRUCK
1983 Ford F-150, 145,000 miles, but looks & runs good.

NOTE: This is super looking equip, some only 1-2 or 3 yrs old.

Terms- Cash or acceptable check, out of state buyers bring current bank letter of credit showing amount to be spent.
Refreshments available

For
SAMUEL S. & ANNA M. SHIRK

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L
PO Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L
RALPH W ZETTLEMOYER AUCTION CO. INC

EQUIPMENT AUCTION
SNB VALLEY SUPPLY
RT. 8 - S. NEW BERLIN, N.Y.
FARM - LAWN - CONSTRUCTION MACHINERY
Saturday, December 14, 1991
At 9:00 A.M.
Notice: One of the state's finest John Deere dealers will sell at Public Auction an attractive line of retail ready used equipment.
Location: Auction will be held at the store Rt. 8, S. New Berlin, 8 miles East of Norwich, 20 miles North of Sidney (Rt. 88), or 20 miles south of Rt. 20.

SELLING TRACTORS: JD 4255 MFWD, cab, P.S., 3 remotes, 1100 hrs.; JD 4020, clean; JD 2755 w/loader, like new; JD 3150 4 post - sharp; JD 2950 4wh. w/cab; JD 2950; JD 4440 w/cab & power front, low hours; JD 2640, extra sharp; JD 3020 P/S; JD 4440 w/cab & power front, sharp; JD 4320; MF 1045 compact 4WD w/loader, like new; AC 7000 w/H.D. Dunham loader; IH 706 D; MF 275; JD 350 crawler w/blade & winch; JD 650 4WD tractor w/mower; (2) Ford CL 40 skid loaders; JD 4010 w/158 loader; JD 675B skid ldr.; AC D17 WFE & 3 pt.; Ford 800; Belarus parts tractor.

HAY EQUIP: NH 311 w/pan thrower; (2) NH 273; (4) JD 336 w/ejectors; NH 276; NH 315; Case-IH 5420-like new; (2) NH 489 haybines; (2) Gehl mower conditioners; Hesston mower; Vicon disc mower; Gehl disc mower; JD 1209 & 1219 mower conditions; NH 479; also several older haybines sell- some need repair; MF 124 baler w/thrower; IH 241 round baler; round bale tuber; NH rakes; Kuhn rotary mower; New JD hydraulic dolly wheel rake; several basket wagons; Fahr, Kuhn, Vicon tedders; New Kuhn 3 pt. 4 star rake; New Lely Big Bale wrapper.

FORAGE: Approx. 8 self unloading forage wagons; DuAll dump wagon; NH 890 harvester; JD 35 & 34 choppers; Gehl 300, 750, & 1200 harvester w/heads; Several good forage blowers; several new & used P/U & corn heads.

PLANTING & TILLAGE: (2) JD 7000 4 row planters; 7000 6 row; MF 17 drill (like new); JD & IH 4, 5, & 6 bottom plows; 12' cultimulcher; (2) 12' discs; JD 210 disc w/cushion gangs; JD 6 row front mt. cultivator.

SPREADERS: Small Gehl & IH spreaders; (2) Gehl V type Scavengers; NH 519 manure spreader; other NI & NH conventional spreaders.

MISC: Fargo silage dump table; Little Augie 9C mixer wagon w/scales (like new); fertilizer spreader; JD 42' double chain elevator; 48' bale elevator; 28' hay & grain elevator; Hanson 200 gal. sprayer; 20' grain auger; new & used 4' & 5' rotary cutters; Uebler mixer cart w/scales (nice shape); Uebler grain cart; Ag-Tech carts; (3) bedding choppers; New Kilbros 10T running gear; chain saws; & much much more!

LAWN TRACTORS: JD 912 front mt. mower w/60" deck, demo-like new; JD 430 diesel; JD 400; JD 316; 210; 112; (2) 314; 317; Bolens w/mower, tiller, & thrower; Ariens 18 hp., new engine; 682 Cub w/new 18 hp. eng.; Several used push mowers; Also Fords, Wheel Horses; Ferris front mounts; JD tillers; snow throwers; JD AMT 600 and other lawn tools - a great selection here!

Note- Some items may be added and deleted due to daily business.
TERMS: Full settlement auction day. Cash or good check.
Financing - JD Credit is available to qualified buyers with 30% down required.
Approx. Auction Schedule:
9:00 A.M. Misc. Equip. & Parts
10:00 A.M. Lawn Tractors
10:30 A.M. Farm Tractors
11:15 A.M. Farm Machinery

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL 716 243 1563

Onwers Retiring - Building Sold
PUBLIC AUCTION SALE
Wednesday, Dec. 18, 1991
At 11 A.M.
At 251 South Herman St.
York, Pennsylvania
Extremely Well Equipped & Maintained
MACHINE SHOP

LATHES: (All Lathes Are Extremely Well Tooled)- Mazak 18 Hercules Ajax Gap Bed, 18/24" x 120" - Mazak Ace Gap Bed, 16/22" x 60" - Cincinnati 15 Hydrashift, 15"x60" - Leblond Dual Drive, 15"x30"- Cincinnati Tray Top Cintilathe, 15"x36"- Monarch Mod. 12" CK, 14½ "x30"- Reed Prentice 18"x80"- Clausing 12"x36"- Logan Mod. 200, 10"x24"- South Bend Mod. A, 9"x24"- Nebel Micro Turn 12"x24".

MILLS: Wells Index CNC 3 Axis Vert. w/ Summit CNC 700 Control- Sajo VF-54P Vert.- K&T Milwaukee 5HP-2CH Horiz.- Cincinnati No. 3 Horiz.

GRINDERS: Summit RT-Super Cylindrical Mod. 12x40R (1982)- Brown & Sharpe No. 5 Surface Grinder- Boyar Schultz 612 Hand Feed Surface Grinder- Gorton Mod. 375 Tool & Cutter Grinder- Drill Point, Carbide And Standard Dbl. End Grinders.

MISC. MACHINERY: Powermatic 20" Vert. Band Saw- (3) Horiz. Band Saws (2) 9"x16" And (1) 6"x10"- Cut Off Saws- American Radial Arm Drill 4' Arm, 11" Col.- Super Service 21" Drill- Multi And Sgl. Spindle Drills- Mitts & Merill #2 Keyseater- Horiz. Broach- Sunnen Hone- Gear Shaper- H Frame Press- Power Press 27T- Oster Pipe & Bolt Threader- Belt Sanders Etc. Etc.

WELDING DEPT.: (3) Lincoln Idealarc 250 Mod. 250/250 AC/DC w/Leads- Weld Sale Mig Mod. CP250TS, 250 Amp w/Auto. Arc Mod. 3440 Wire Feeder- Hobart Mig Mod. MC-300, DC w/Hobart Wire Feeder- Acorn Table 5'x5'- Burning & Brazing Equipment- Clamps, Fixtures, Welding Rod, Hose, Leads, Etc.

PERISHABLES & INVENTORY: Large Qty. And Assmt. Of Milling Cutters, End Mills, Woodruff Cutters, Counter Bores, Counter Sinks, Drills To 3", Taps, Reamers, Abrasives, Asst. Hardware- Hot And Cold Rolled Steel In Rounds, Flats, Squares, Channels, Sm. Qty. Stainless And Aluminum.

MACHINE ACCESS./PRECISION INSTRUMENTATION: Rotary Tables - Indexing Heads - 5C Collet Fixtures - Mill/ Drill Bises - Aloris Tool Post - 14" Comparitor - Hardness Tester - Gauges - Micrometers - Surface Plates - Balance Scale - And More.

PLANT EQUIPMENT: Towmotor 5000 Lb. Propane Fork Lift- Air Compressors 5 & 7 H.P. - (8) Elec. And Manual Chain Hoists 1/2 To 2 Ton - Workbenches w/Vises - Famco Arbor Presses - Weston Elec. Hardening Furnace - Electric Power Hand Tools - (2) Hyd. Porta Powers - W.J. Rt. Angle Bender - Strip Shear, Manual - 1/2" Rod Cutter - Elec. & Plumbing Supplies - Metal Shelving And Storage Cabinets - Etc. Etc.

OFFICES: Featuring Antique Oak Roll Top Desk - General Office Furniture And Business Machines.

PRODUCT LINE: Well Known Craley Boring Head And Tool Holders Including All Drawings, Fixtures, Work In Process, Finished Inventory And Customer List.

Call For Free, Pictorial Brochure.
INSPECTION: 8:30 A.M. Morning Of Sale.
DIRECTIONS: I-83 To Rt. 30 West. (Exit 9 If Northbound, Exit 10 If Southbound). Go West On Rt. 30. Exit At Rt. 74 South. 4 Blocks To Highland Ave. (Alexander's Restaurant) Right Turn. Approx. 6 Blocks to King St. Left Turn. 3 Blocks To Herman St. Right Turn.
TERMS: 25% Deposit. All Bills To Be Paid Within 24 Hours. All Payments In Cash, Certified Or Bank Checks Or Company Check With Irrevocable Bank Letter Of Guarantee.

BALDWIN INDUSTRIAL LIQUIDATORS
PO BOX 4146
*** GETTYSBURG, PA. 17325**
717-334-5707 OR 800-729-0010
S. VALENZISI PA. LIC. #AU-001930L

PUBLIC AUCTION

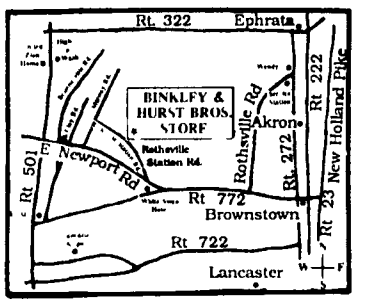
FARM MACHINERY

AND COLLECTIBLES

Friday, Dec. 20, 1991 - 9:30 A.M.

At Binkley & Hurst Bros., Inc., Lititz, PA

Location: between Ephrata and Lancaster, along Route 222, at Brownstown exit take Route 772 West to Rothsville, turn right at White Swan Hotel onto Newport Road, then first road right, Warwick Township, Lancaster County, PA. Only about 4 miles from Lancaster Airport.



This Year As Part Of Our Year End Cash And Carry Days, Binkley & Hurst Bros., Inc. Is Including A Public Auction. During 1991 We Have Accumulated A Good Selection Of Quality Trade-Ins And In Order To Clear Our Yards For 1992, We Are Planning An Absolute Auction With No Reserve Bids, No Buy Backs. You Are The Buyer, You Make The Price. Plan Now To attend This Public Auction Of The Following Items:

ALL ITEMS TO BE SOLD WITH NO RESERVE BID, ABSOLUTE SALE: YOU MAKE THE PRICE!

MACHINERY ITEMS

Woods 3 Pt. RB6 Scraper Blades 6 Foot, 3 Pt. 1 Row Cultivator, 3 Pt. Utility Carrier, 3 Pt. 2 Bottom Moldboard Plow, 3 Pt. Single Shank Subsoiler, IH Model 60 Coulter Chisel Consertil, Massey Ferguson 17x7 Model 33 Grain Drill, Very Good Condition, John Deere 7 Foot Sickle Mower, New Holland 469 Haybine With Good Rolls, Hesston PT10 Mower Conditioner 9 Foot With Stub Guards, Brady 12 Foot Model 1440 Stalk Chopper, John Deere Model 210 Disk Harrow 12 Foot Rock Flex Bearing Hangers Nice, 3 Pt. Disk Harrow 5'6" Cut Double Gang, Heavy Duty Jumbo 3 Pt. 8 Foot Blade with Adjustments, 12 Foot Cultipacker, John Deere Model 230 Wing Fold Disk Harrow 21 Foot, John Deere 12 Foot BWA Disk Harrow, Miller Offset Series III Heavy Duty Offset 11 Foot Disk Harrow, John Deere 11 Foot Model 210 Disk Harrow Double Offset, John Deere 12 Foot AW Disk Harrow, Brillion Cultimulcher 14 Foot With Inboard Transport Wheels (Late Model), IH Model 430 Square Bale Baler With Thrower In Good Condition, New Holland Super Hayliner 69 Baler With Thrower, 8 Foot Cultipacker, IH Model 56 Forage Blower, New Holland Model 26 Blower, Oliver 11 Foot Model 252 Disk Harrow, John Deere 12 Foot AW Transport Disk Harrow, Athens 10 Foot Model 131 Rockflex Disk Harrow, IH Model 475 14 Foot Disk Harrow, Athens 21 Foot Model 84 Wing Fold Disk Harrow, Ontario 16x7 Grain Drill with 9x20 Tires, IH 510 Grain Drill 13x7 With Double Disc Openers & Grass Seed, John Deere 4 Bottom Semi-Mount Plow, John Deere 3 Bottom Model F845 Rollover Moldboard Plow With Coulters & Trash Covers, John Deere 5 Bottom Hydraulic Auto Reset 18" Moldboard Plow With Curved Coulter Disc, John Deere Model A2500 5 Bottom 18" Spring Automatic Reset Plow, John Deere 220 Centerfold 18' Disk Harrow With Rock Flex Bearing Hangers, Krauser 1580 Centerfold 18 Foot Rock Flex Disc Harrow, Gehl Model 960 Forage Box with 3 Beaters and Roof, New Holland 14' #7 Forage Box, New Holland Tandem Axle Tank Spreader With Hydraulic Lid Opener, 300 Bushel E.Z. Flow Gravity Bin Mounted On Heavy Duty Running Gear With Rocking Bolster, Badger 12 Foot Pit Pump Which Hydraulics Into Manure Pit, Better Bilt Irrigation or Manure Pump High Pressure 800 GPM 540 PTO, 2 Shank Liquid Manure Injector Kit, N-Tech 25 Foot Lagoon Pump, 540 PTO, Heavy Duty 3 Pt. 5 Shank Subsoil Chisel Plow, Athens Model 250 Heavy Duty Offset Disk Harrow With 26" Blades, 10" Spacing, Case IH 6500 9 Shank Conser-Til Coulter Chisel With Hydraulic Coulters and Midwest Buster Bar, Case IH 7 Foot Model 20 3 Pt. Scraper Blade, Case IH #11 5 Foot 3 Pt. Blade, Case IH Model 15 6 Foot 3 Pt. Blade, Horse Drawn New Holland 310 Baler With Engine In Good Condition, Case IH Model 5300 24x6 Grain Drill With Double Disk Openers, John Deere Rockflex 220 Center Fold 20' Disk Harrow With Complete Hydraulics, Case IH 13½ Foot Vibrashank Field Cultivator Pull Type, Case IH 15½ Foot Hydraulic Fold Wing Model Vibrashank With 11'8" Transport Width, Ball Hitch, E-Z Tilt 2000 Lb. GVWR Utility Trailer With 5'x8' Bed With Sides, 1500 Lb. GVWR Utility Trailer with Ball Hitch and Tilt Bed 4'x8', 10 Cu. Ft. Dump Cart, Hand Pull 7 Cu. Ft. Dump Cart, New Holland Model 513 Manure Spreader With Endgate.

NEW & USED PRESSURE WASHERS

— USED —

1 Liquid Brush Washer, 1 Handy 640, 1 2200 PSI 7½ HP on Cart, 1 7½ HP Used Motor Leeson, 1 Mi-T-M Skid Mount Hot Water 11 HP Briggs.

— NEW —

1 Cam Spray 1000 PSI Electric, 1 Cam Spray 1200 PSI Electric, 1 Cam Spray 1500 PSI 5 HP Honda, 1 Hobby Wash 1500 PSI Electric.

COLLECTIBLES-Antique Farm Implement Sign And Old Case Literature And Collectible Toys Including Pewter

Old Case Tractor & Implement Operator Manuals, Case 70 Series and 90 and 94 Series Sales Literature and Others, Old Antique Farm Implement Sign - Come & See, Collectible Pewter Farm Toys and Others, Collector 1/16 Scale 66 Series Farmall Tractors, Hydro 100 and 1566, **Service Manuals** For Case 380 CK Loader Landscaper Tractor, 380 CK General Purpose Tractor, 1816 Uniloader, Case 850 B Crawler, Case 1570 Farm Tractor, Case 2090 and 2290 Tractors, 120 Case Compact Garden Tractor Service Manual, Case 584C and 585C and 586C Construction King Forklifts, Case 4490 and 4690 Service Manuals.

SKID LOADERS, TRACTORS, LAWN & GARDEN

Case 1070 Diesel Cab Tractor With Power Shift, IH 1456 Diesel Tractor With Cab & Heater, White 2-105 Tractor With Dual Wheels and Over Under Shift, Case 1830 Uniloader With 10:00x16.5 Tires and 60" Material Bucket, Bobcat 722 Hydrostatic Skid Loader With Aux. Hydraulics and Lights and 60" Bucket, Case 1816C Uniloader With Less Than 1900 Hrs; Case 1835 C Diesel Uniloader 1988 Model With 66" Bucket, New Bolens 12 HP Rear Engine Riding Mower With 36" Mower, Case 14 HP Model 224 Riding Mower With New Kohler Short Block and 46" Mower and Hydraulic Drive And Hydraulic Lift, Bolens 15 HP Riding Mower With 38" Mower, Ariens 11 HP Riding Mower With 36" Deck, Cub Cadet Model 126 Riding Tractor With 48" Mower And Snow Blade and Snow Blower and Engine Overhaul 2 Years Ago, John Deere 214 Riding Mower With 48" Deck, IH 18 HP Diesel Model 234 Tractor 2WD With Mid-Mount Woods 60" Mower Deck Only 124 Original Hrs.

MISCELLANEOUS PARTS & ACCESSORIES

Tire Chains For 14.9x28 12-4x28 18.4x38 7.50x20, Tow Chains 3/8"x20' and 3/8"x16' Several Sets, Assorted Load Binders, Sideboard Kit For 45 Foot Trailer With Aluminum Stakes And Bows, Assorted Used Rims, Assorted Tractor Weights and Weight Frame and Grill Guards, Assorted Farm-Industrial- and Truck Tires, New and Used 24.5x32 Tires On Rims With Dual Axle Hubs, for 3¼ " Axle Size 23.1x34 Duals New 7.50x20 Mud & Snow 10 Ply Truck Tires and Many More, Used 20.8x38 and 18.4x38 Tractor Tires for Duals, 18.4x26 Tires On Rims With Hub Extensions, Used Hydraulic Crossfill Auger For John Deere 4 Row Planter, Assorted Plywood & Lumber, Large Backhoe Bucket, Case 73" Utility Bucket For Case 1845 Uniloader, Gehl 48" Bucket To Fit 3010 Series Gehl Skid Loaders, 73" Case 1845 Bucket With Teeth, (10 AgroFarm Combine-Bushel Counter, Paint: Red Barn & Fence Paint, Misc. Qts., New Holland Red, Allis Chalmers Cream, M.F. Red, J.D. Yellow, Farmhand White, (2) gal. J.D. Industrial Yellow, Misc. Harrow and Cultivator Shovels, Misc. Plow Parts, Misc. Disc Blades, 2 of #548786R91 New Fill Operator Platform Stand For 6 Row Planter, 1 Used Rear Hood 806 Farmall, 1 Used Front Hood 806 Farmall, 1 Used Grill Farmall H, 1 Used Auger For 7½ ' IH Hay Head, 1 New 166254C91 - 12"x26" 8 Bolt Wheel, 2 Used 395856R1 14"x30" Rim for IH 74-84 Series, 1 New 63720D 12"x26" Rim - IH 04, W4, 06, W6, 1 Used K301014 14"x30" Rim For Case 1290-1490, 1294-1494, 1 New Take Off K300401 Left Fender For Case 1190, 1194, 1 New Take Off K300403 - Right Fender For Case 1190, 1194,Misc. Speed King Grain Auger And Bale Elevator Parts Such As Pulleys, Belts, Brackets, & Clamps, Sprockets, Chains, Shields, Cable, Various Lengths Of New Hyd. Hose, 2 New Take Off Left Platform Steps For IH & Case IH 84, 85, 95 Ser. Trac., 1 New Take Off Right Platform Steps For IH & Case IH 84, 85, 95 Ser. Trac, 2 Used 14"x34" Double Bevel Rims, 1 Used 12"x36" 9 Bolt Wheel, Misc. David Brown Fenders.

This Block Of Equipment To Be Sold With Low Minimum Bid

Dunham Lehr 24' 9" Hydraulic Wing Fold Cultipacker Late Style Model, AMCO Model F15B Hydraulic Fold 21 Foot Wing Disk Harrow With Rock Flex Bearing Hangers, New Holland 311 Horse Drawn Baler With Engine Like New, New Holland Heavy Duty Model 200 10 Foot Offset Disk Harrow, Richardton 700 Dump Wagon Used One Season, Case IH Round Baler Model 3650 5'x6' Bale Size, Case IH 18 HP Diesel Tractor Model 235 4x4 Hydrostatic Drive With 3 Pt. Hitch, 540 PTO, Case IH Model 475 12 Foot Rockflex Disk Harrow, Gehl Model 2240 Mower Conditioner 12 Foot Swing Frame With 540 PTO.

Order Of Sale: Starting 9:30 Miscellanous Parts & Accessories, Antique Sign and Old Literature and Collectible Toys, Pressure Washers, Farm Machinery With Tractors Uniloaders and Lawn & Garden Mixed In.

Due to Daily Business Some Advertised Items May Be Sold Prior To Sale and Other New Arrivals May Be Added, So Come & See What We Have For You.

Sale By: **BINKLEY & HURST BROS. INC.**

133 Rothsville Station Road, Lititz, PA 17543
(717) 626-4705

Auctioneer: **JOHN D. STAUFFER** Auctioneers **AU-1509-L**

There Are Not Many Small Items, So Come Early
Lunch Stand Will Be Provided
Terms: Cash Or Good Checks, Ident. Required For Buyers No. And Prior Approval For Out Of State Checks
Not Responsible For Accidents

Lunch Stand Will Be Provided

As A Reminder Our Annual Cash & Carry Discount Days Run From Wed., Dec. 18th To Sat., Jan. 4, 1992 On Parts And Other Machinery Not On Auction. A Message From Our Parts Dept. To Enable Us To Better Serve Your Parts Needs (Which Will Be Discounted) On "Auction Day". Call Our Parts Dept. In Advance With Your Order For Pickup On Auction Day.

Sale Reports

WINROSS SALE

A Public Auction of Winross and Ertl Banks was held November 20 at the Springetts Fire Company, 3013 East Market Street, York, Pa. These items were from a private collection. There were 165 registered bidders at the sale.

Some prices included: Ertl banks #1 Texaco bank $370, #2 Texaco bank $185, #3 Texaco bank $130 and the following Winross trucks: Hatfield van $80, WGAL 8 $65, Pa. Farm Show truck $105, Evergreen Tractor Co. $85, Wenger's Farm Machinery $80, Pa. State $65 to $80, Carlos Leffler first edition $200, Rajah Temple $210, Gerhart Racing $290 and Rutter's Dairy $105.

Harry H. Bachman was the auctioneer.

MOYER ESTATE SALE

A Public Auction of real estate was held November 25 for the estate of Lloyd H. Moyer, 604 Old Line Road, Manheim, Lanc. Co., Pa.

The 95-acre farm with a 2½ -story frame house, large bank barn with 3 drive floors, 3-car garage and a stream through the pasture was sold for $451,000.

It was purchased by Larry M. and Helen M. Martin of 1332 Old Line Road, Manheim, Pa

Paul E. Martin Auction Service conducted the sale.

HFH REALTOR

PUBLIC AUCTION

OF 100+/- ACRE FARM

SATURDAY, JANUARY 11th

@ 1:00 P.M.

Directions: From Reading take Rt. 61N to 22E. go 6 miles to Rt. 143 N. Lenhartsville. 9.7 miles to Rt. 863, turn right, cross bridge. 1st road left, look for signs: from Easton take Rt. 22 to Rt. 143N to Rt. 863.

PROPERTY CONSISTS OF: 1½ story frame dwelling; 1st floor has living room, Wieland kitchen, bedroom, powder room; 2nd floor has 4 bedrooms and full bath; large enclosed porch.

Bank barn and facilities to raise herd replacements.

Free stall barn with 102 free stalls; clay feeding system; 6 unit Surge milking parlor and farm office; 1250 gallon Surge milk tank.

Silos: 20x32, 20x60 & 20x90 Harvestores two with Goliath unloaders; 20x80 Fickes, silomatic unloader. 25x65 Slurrystore. 80 acres tillable.

Terms: 10% day of sale; settlement on or before March 15, 1992.

Terms by:

RALPH W. & MARIE J. DIETRICH

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

SAWMILLS & LOGGING EQUIPMENT AUCTION

FOR THE ESTATE OF JAMES M. TEED
D/B/A QUAD COUNTY LUMBER CO.

SATURDAY, DECEMBER 14, 10:00 A.M.

SPRINGWATER, (LIVINGSTON CO.) NEW YORK

Sale to be held at the mill site located along U.S. Rte. 15 midway between Wayland and Springwater. (App. 39 miles south of Rochester, NY.)

Due to the tragic woods related death of James M. Teed, highlights selling will be:

(ca. 1980) Meadows portable sawmill, hyd. log turner, 18 ft. carriage, dust blower, 52 in. blade, etc.; Detroit 671 diesel power unit with skid tank; Double edger with Wisconsin gas engine with hand clutch; Ireland (ca. 1965) sawmill, presently disassembled and including edger, turner, etc.; 26 in. planer; Husky Brute (ca. 1984) model XL-120 log boom with continuous rotation grapple; John Deere (ca. 1978) diesel log skidder; Pettibone (ca. 1970) diesel (K514A) log skidder; 1985 GMC "Astro" truck tractor, c/o, sleeper cab, Cummins engine; 1984 Kent 40 ft. log trailer with bunks; 1981 GMC delivery truck, Sierracab, diesel engine, 5/2 trans., 9:00-20 rubber, 16 ft. flat deck with hoist; 1975 GMC 6500 dump truck, single axle; 1974 Ford F-700 truck with log bunks; 1970 Freuhauf 40 ft. flat trailer with 8 brand new tires!; 17 ft. steel deck flat bed body; Tri-Axle 18 ft. deck low boy trailer with beaver tail; JD 450 dozer (Ser. T5F3M-095585T) (ca. 1971) with rear winch, 6 way angle blade, etc. (machine is presently set up and needs shop time); Ford 22 ft. lift outdoor fork truck, ca. 1968, very low hour machine!; Hough HMG 4x4 payloader (ca. 1967) with pallet tines and bucket; IH 2500A industrial tractor (ca. 1973) with 2050 loader, materials bucket and pallet tines; log buggy; 7 Husqvarna chain saws; Chokes, logging chains and support items!; Large qty. of odd lumber in many piles!

FULL LINE OF SHOP TOOLS ALSO SELLING!

Jim Teed ran a good and successful logging business with many friends and repeat customers. His machinery is for sale only due to his untimely death.

SALE ORDER: 1-Misc. Items (10.00 A.M.); 2-Heavy Equipment (App. 10:30 A.M.); 3-Shop Tools (App. 1:00 P.M.).

STRICT TERMS: CASH or honorable check day of auction! **Certified funds or cash only for immediate removal of big items! Titles pass only when checks clear!** Any questions call Auction Company prior to auction date.

Owned by the Estate of
JAMES M. TEED
by Barbara Teed as Executrix

John F. Leyden, Jr., Attorney

Auction Conducted By:
James P. Pirrung
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

PUBLIC SALE

OF FINE ANTIQUES, HOUSEHOLD GOODS, OLD QUILTS - HAND-HOOKED RUGS, TOOLS

THUR., DEC. 19, 1991

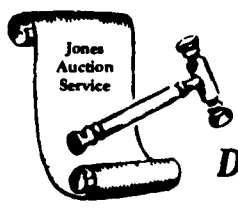
AT 10:00 A.M.

Loc: 65 Penn Street, Washington Boro, Manor Twp., Lancaster Co., PA. (Dir.: Along Rt. 999, west of Millersville).

Sale by:

IDA D. YOUNG

Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food Served



PUBLIC AUCTION

Sat., December 14, 1991

9:30 a.m.

Located 2 miles Southeast of Augustaville, 6 miles South on Rt. 890 from Sunbury, PA, turn East at Ross Construction Building, 1 mile to sale site. (4 miles North on Rt. 890 from Trevorton.)

FARM MACHINERY - TOOLS - ETC.

JOHN DEERE B TRACTOR W/HYD. (NICE COLLECTIBLE); J.D. #38 Sickle Bar Mower; 5' Pull Type Rotary Mower; J.D. Ground Drive Manure Spreader; Case 24' Hay & Grain Elevator; M.M. 1 Row Corn Picker; Cultivators for J.D. B; 2 Bot. Trailer Plow; 11 Hoe Grain Drive on Steel; N.H. 404 Hay Crimper; Row Marker; Massey Harris #35 Pull Type Combine; 3 Pt. Sprayer; Platform Scales; Hyd. Cylinder; 1 Hole Corn Sheller; **MTD 12 H.P. 38" CUT LAWN MOWER;** Milk Cans; Milk Strainers; Fencing Supplies; Alum. Scoop Shovels - Forks; Log Chains; Binders; Chain Hoist; Poulan 16" Chain Saw; Gas Weed Eater; Nice Selection Of Carpenter - Mechanic - Masonry Hand Tools; 2 Sections Metal Scaffolding; 2 Simplex Jacks; Small Shop Rite Meat Grinder w/Elec. Motor - Scalding Trough - Selection of Hand Butcher Tools; Bu. Boxes; 1" Plastic Pipe; Firewood; Scrap, etc.

1967 DODGE 200 STAKE BODY w/HYD. LIFT GATE.

HAY

APPROX. 500 BALES OF MIXED GRASS; APPROX. 250 BALES OF STRAW

GUNS, ETC.

Parket Trojan Hammerless 12 Ga. Double Barrel; Rem. Model 1100 Ducks Unlimited, Atlantic 12 Ga. Mag.; Hunter Special Fulton Arms Co. 20 Ga. Double Barrel; Springfield Arms Co. 12 Ga. Double Barrel; Savage Made Fox Model B 410 Double Barrel Vent. Rib; Win. Model 43 Bolt Action 22 Hornet; Win. Model 43 Bolt Action 218 Bee w/Scope; Win. Model 72-A 22 (Nickle Steel) Rem. Model 511-22; Duck Decoys; Traps; Fishing Rods, Etc.

ANTIQUES - COLLECTIBLES

Following Oak Furniture - Slant Front Desk; Library Table - Pressed Back Chairs; Ansonia Mantel Clock - Octagon School House Clock - Figure 8 Seth Thomas Clock - Kit. Clock; Deep Walnut Picture Frames; Cabbage Cutter w/Tray; Kerosene Lamps; Meister Upright Piano; Rogers Lamp; Granite Coffee Pots; Carnival Glass Vases; Pressed Glass Cranberry Glass Syrup Dispenser; Marbles; Draw Knife; Bark Spud; Crocks; Straw Knife; Wire Egg Baskets; Etc.

TERMS: Cash or PA Check.

Lunch

Clip and Save - Will Appear One Time

Owners:

CHARLES J. & ZAE E. HAAS

Mark J. Jones Auctioneering Service
Phone: 717-286-0052
License #AU 1595-L

Having sold farm, makes sale necessary.

TENT IF INCLEMENT

SALE ORDER: Antiques - Wagon Items - Guns 12 Noon - Mach.

PUBLIC AUCTION

COUNTRY REAL ESTATE - PERSONAL PROPERTY - TOOLS - GUNS

SATURDAY, DECEMBER 21, 1991

9:00 A.M.

LOCATED: Dark Hollow Rd., Hallam Twp., York Co. 1 Mile from Rt. 30. Wrightsville Exit of Rt. 30. Go north to 1st intersection & keep left to Dark Hollow Rd., 1st place on right - Watch for Signs.

REAL ESTATE 12:00 NOON

Approx. 3+ acres of land w/a 2 story house with aluminum siding, large 1 car block garage and utility building. The land is with a orchard having apple, peach, plum, & pear trees, Evergreen trees, Christmas trees, grapes & blueberries. House has a kitchen w/Cabinets & Dishwasher, dining room w/wall to wall carpet, large living room with hardwood floors and a open stairway. Large front and rear closed-in porches. 2nd Floor has 2 bedrooms & tile bathroom w/storage area. Cement basement w/outside cellar entrance. Storm windows & oil hot air furnace. Eastern York School District, Hallam Twp., York Co. PA.

SHOWN BY APPOINTMENT- PHONE 757-6914 OR 764-6412

TERMS: 10% DOWN, BALANCE IN 60 DAYS.

PERSONAL PROPERTY 9:00 A.M.

Maple Oval Extension Dining Room Table & 4 Chairs, Night Stand, 4 Drawer Chest, Small Drop-Leaf Table & 2 Chairs, Hotpoint Refrigerator w/Freezer, Sylvania Colored TV, 3 Recliners, Living Room Sofa & Chair, Bookcase, Radio, Metal Folding Chairs, Lawn Chairs, Lloyd Porch Chairs, Blonde Bedroom Suite, Humidifier- LIKE NEW, Sewing Machine, Double Bed, Bed w/Bookcase Head Board, Wooden High Chair, Westinghouse H.D. Washer, Kelvinator Chest Freezer, Camping Gear, Folding Cots, Coleman Lantern, Stove, Sleeping Bags, Wood Box, Wash Tubs, Market Basket, Slaw Cutter, Sausage Stuffers, Butcher Knives, Meat Grinder, Crocks, Chest Cooler, Table & 2 Benches, Flatware, Pots & Pans, Small Kitchen Appliances, Air Conditioner, Mixing Bowls, Apple Bottle, Corningware, Clown Cookie Jar, Old Books, Cookbooks, Cracker Jar, Redware Glass, Blankets, Projector, Projection Table & Screen, Sweeper, China Glass, Kerosene Light-Electrified, Porch Glider, What Knots, Glassware not unpacked, Yarn, Fans, Heaters, Deer Head, Tanned Deer Hide, Christmas Decorations, Etc. Electric Cords, Drills, Carpenter Tools, Mechanical Tools, Tree Pruning Tools, John Deere 180 Tractor & Mower, Ariens RT 7020 - 7 hp - Rototiller - LIKE NEW, David Bradley Super 600 Tractor & Attachments, 2 Wheel Garden Tractor Planter Jr., Rubber Tire Rotary Mower, Mighty Mac Sprayer w/Gas Engine & Wan, Precision Garden Seeder, 2 Wheel Trailer, Lawn Roller, Lawn Sweeper, Gardening Tools, Homelite XL Chain Saw, Stihl Blower, Echo String Trimmer, 2 Ton Floor Jack, Food Scales, Baskets of Various Sizes, Crates, Block & Fall, Poultry Wire, Hardware, Scott Seeder, 36' Double Ladder, Step Ladders, Masonry Tools, Gardening Fertilizers & Sprays, Rakes, Forks, Shovels, Garden Sprayer.

MODEL 782 MARLIN - 22 CAL. w/3 TO 9 POWER SCOPE; ITHACA 222 CAL. w/2 TO 7 POWER SCOPE; BERETTA 12 GA. SEMI AUTO - MODEL AL2; H&R MODEL 999 - 22 PISTOL "SPORTSMAN"; WINCHESTER MODEL 67 - 22 SINGLE SHOT.

"1969 FORD GALAXY 500 - INSPECTED & RUNNING"

TERMS: CASH OR GOOD CHECK

ESTATE OF:

JOHN H. DIETZ

EXECUTORS: EDITH M. GINGERICH
CARL J. BELCHER
ATTORNEY: GARBER & GARBER

AUCTION CONDUCTED BY:
RENTZEL'S AUCTION SERVICE
BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
764-6412
PA LIC. #761 & #2483

MILK
AMERICA'S HEALTH KICK

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

MAR.

SAT. MAR 7 - 8 30AM, 28th Annual Bart Twp Fire Co All Day Sale, located at Rt 896 Georgetown, PA, in the village of Georgetown, local auctioneers

SAT MAR 21 - 8 30AM, 4th Annual Bart Twp Fire Co Building Material Sale, located at Rt 896, Gerogetown, PA in the village of Georgetown, local auctioneers.

FEB.

SAT FEB 1st - 5PM, 6th Annual Consignment Auction of Farm Toys and Toy Trucks at the New Holland Fire House on E Main St, Dale Stoltzfus, Auct.

MON FEB. 3, C.A.G. Farms, Inc. Dispersal-Potato-Sod-Spinach-Pickle-Carrot-Grain Equipment and Irrigation Lines, located Massey, MD, Kent Co, Charles A Gemberling, owner, Pirrung Auctioneers, Inc, Aucts

SAT FEB 8 - 9AM, Mules, Horses, Full Line Of Good Farm Equipment, Tools, Etc Located 2½ Miles East Of Lancaster, 1 Mile Northeast Of Route 340 At 2008 Horseshoe Road, East Lampeter Twp, Lanc Co, Pa Owner, Paul Smucker. Diffenbach's Auct

MON FEB. 10, Potato and Grain Farm Equip, Auction for the Estate of Clyde Cross, Pike, NY, Wyoming Co, Pirrung Auctioneers, Inc, Aucts

TUES FEB 11 - 9 30AM, Livestock & Farm Equipment Located 3 Miles Northwest Of Intercourse, ¼ North Of Route 472 From Mascot Mill (Resslers) First Farm On Right Along Stumptown Road Owner, Abram S Stoltzfus Diffenbach's Auct

SAT FEB 15 - 9AM, Public Sale of Farm Machinery and Livestock located on Good's Road, 2 miles southwest of Hinkletown, 2 miles northeast of Farmersville, 1 mile off Farmersville Road Terms by Ammon Z Martin Paul Snyder, Auctioneer

SAT FEB 15 - 10AM, Farm Equipment, located along Sunnyburn Rd, Mt Joy Twp, Lanc Co, PA, Robert E. & Loraine D Ginder, owners, Horning Farm Agency, Inc, Aucts

MON. FEB 17, Major and Valuable Coin Auction for the Estate of Lester Eugene Reynolds, at the Coachlight Motel Banquet Room, Hornell, NY, Steuben Co, Pirrung Auctioneers, Aucts

TUES FEB 18 - 9 30AM, Horse Drawn Farm Machinery, Horses and Holstein Heifers, located 1 mi SW of Gap, rom Rt 41 at town clock cross railroad bridge to stop sign, turn left on Mine Rd, follow Mine Rd to Buck Hill Rd, 2nd road on left, turn left go to 1st farm on right, Sadsbury Twp, Lanc Co, Elmer K Lantz, Sr, owner, Leon D Kurtz and J Omar Stoltzfus, Aucts

TUES FEB 18 - 10AM, Full Line Of Modern Farm Equipment Located 8 Miles South Of Quarryville, 6 Miles North Of Oxford, Little Britian Road Off Route 222 East On Noble Road, Left On Spring Hill Road To Sale, Lanc Co Pa Owners, Allen & Arlene Weaver Diffenbach's Auct

WED FEB 19 - 9 30AM Farm Machinery, 6 Head of Mules, A Few HH Goods located Lancaster Co PA 2 mi W of Whitehorse David S & Naomi Stoltzfus owners Steve and Steve Jr Petersheim, Aucts

FRI FEB 28, Registered and Grade Holstein Dispersal Together w/Barn Equip and Produce, located Arkport, NY, Steuben Co, Fay and Barbara Bennett, owners, Pirrung Auctioneers, Inc, Aucts

JAN.

FRI JAN 3 - 10 30AM, Farm Equip, Skid Loader, Cattle & Grain Trucks, Dairy Equip, located Exit off the NE ext of turnpicke at Lansdale exit, turn E onto Rt 63 go 2 mi, then follow Rt 63 left for anoth 2 mi to Hatfield Quality Meats sign, turn onto Funk Rd., go .7 mi, turn R onto Derstine Rd, go 1 mi to 1st fam on right, Montgomery Co, PA, John & Paul Rohr, owners, Ralph W Zettlemoyer Auct Co, Inc, Aucts

FRI JAN 3 - 11AM, 101 Acre Farm and 20 Acre Parcel, located along Sunnyburn Rd, Mt Joy Twp, Lanc. Co, PA, Robert E & Loraine D. Ginder, owners, Horning Farm Agency, Inc, Aucts

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PUBLIC AUCTION

VALUABLE FARM EQUIPMENT
SKID LOADER
CATTLE & GRAIN TRUCKS &
DAIRY EQUIPMENT

Friday, Jan. 3, 1992
at 10:30 A.M.

Exit off the Northeast ext. of turnpike at Lansdale exit, turn E. onto Rt. 63 go .2 mile, then follow Rt. 63 left for another 2 miles to Hatfield Quality Meats sign, turn onto Funk Rd. go .7 mile, turn R onto Derstine Rd., go 1 mile to 1st farm on right, Montgomery Co., Pa.

JD 4230 w/pwr shift, 4 post roll guard, 3870 hrs; JD 2440 w/2660 hrs & JD 175 frt end loader; Farmall 966 w/overhauled TA major engine repairs; Farmall 806 w/3pt; Farmall H tractor; JD 6620 hillside combine w/hydro, flex grain & c heads; 1977 Chev 30 truck w/11' Eby alum. body w/box for winch, 92,000 miles; 1984 Ford F-250 w/auto trans, 5.8 litre engine, 58,000 miles; Bob Cat 610 skid loader; plus full line of modern farm equip.

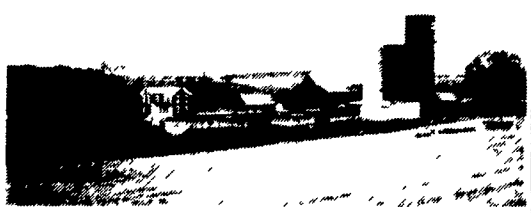
For
JOHN & PAUL ROHR
Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

P.O. Box 215 • Rogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION CO. INC.

PUBLIC AUCTION

OF 142 ACRE FARM, FARM EQUIPMENT & ANTIQUES

Saturday, Dec. 28th, 1991
@ 10:00 A.M.
Real Estate @ 11:00 A.M.
Located 6 miles south of Danville, take SR 2002 Road east off of Rt. 54.



PROPERTY CONSISTS OF: 2½ story brick dwelling with 4 bedrooms and bath; hot air heat; property in good condition.
Stone and frame bank barn and feed lot with 110' chain feeder, 150 head capacity.
20x50 Star Silo
20x50 Harvestore Silo
20x70 Harvestore Silo
Feed room with roller mill, Patz feed mover, Fry chute and head scales.
Several other out buildings.
116 tillable acres; 9 acres pasture with 4' woven wire around; stream and large cement water trough; 17 acres woodland; 60-70 walnut trees for veneering; 142 acres total; hith producing soil.
TERMS: 10% day of sale; settlement on or before February 28, 1992. Inspection by appointment, call Horning Farm Agency 215-286-5183.

Terms By:
Lloyd E. & Frances J. George
717-356-7482
Edward Miller, Esquire
Lancaster, Pa.

HFA
Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183
REALTOR MLS

Outstanding Lancaster County Farm
at
Public Auction

Lititz - Manheim Area
56 Acres M/L Limestone Soil
With Gentle Slope

Wednesday, Dec. 11, 1991
Auction Time: 1:00 P.M.

Location: 849 Temperance Hill Rd., Lititz, PA

Directions: From Lancaster, Route 501 North to Lititz. In Lititz turn West onto Route 772 (Orange St.), continue 2.5 miles to farm on right. Penn Township, Lancaster County, Pa.

Large 2½ Story Frame Home: contains large modern kitchen with lot of cabinets & pantry area. Dining room; living room; family room; laundry area; 3 baths; 5 plus bedrooms; attic and basement area; attached garage. Oil fired hot water baseboard heat. Home recently remodeled and has all Thermopane replacement windows.
Large Bank Barn: with extended roof over feed lot for approx. 125 head of cattle. bunk trough with automatic feeder.
Silo: 20x64 concrete with Starline ring drive unloader; supplement bin with flex auger.
Hog Facilities: farrow to feeder pig; 160 sow capacity with nursery and gestation area.
Veal Barn: 80 head capacity.
Manure Facilities: New 12x40 concrete manure pit to service both hog and veal facilities.
* 2 wells & pressure systems
* 2-car garage
* lot of road frontage
* macadam lane
* 35 KW auto generator
* most of farm tillable

Open House: Saturday, November 9, November 16 and November 23 12:00 Noon to 3:00 P.M., or by appointment. Balance of farm can be seen anytime. For appointment to see farm, **free transportation,** or assistance to obtain financing call Paul E. Martin Auct. at 717-733-3511.
Terms: 10% down day of auction, balance at final settlement on or before April 1, 1992.
Note: This farm has good, level **limestone soil.** Buildings are in excellent condition setting back from the road, with Southern exposure. Do not miss seeing this terrific farm, with many possibilities, located in a farming community.

Auction by:
Donald E. & Marian R. Nolt
Ronald E. & Denise L. Nolt
Young & Young Attorneys

PAUL E MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001881-L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
Ephrata, PA

PUBLIC AUCTION

ANTIQUE FARM EQUIPMENT & PARTS OF THE FORMER J.B. HOSTETTER & SONS IH & NH DEALERSHIPS
Of Mt. Joy, Pa.

SAT., DEC. 21, 1991
At 9 O'Clock
Located rear of 33 W. Main St., Mt. Joy, Pa.

Regular Farmall on steel (not running) Continental engine, other engines & parts, IH mowers/rakes/plows, MH baler parts, bins and more bins of IH and NH parts, Ontario parts, plow shares, wheels, belts, chains, tires, gears, sickle bars, lg. circular saw blades, motor parts, wooden wheels, elevator, vices, air compressor, PARTS MANUALS, advertising items, scrap iron.

This is just a partial listing of the MANY, MANY antique, new & used parts.

If you're looking for antique parts for farm equipment, don't miss this sale.

Sale by
CLARENCE HOSTETTER
Aucts. AU6171L
Raymond Miller 653-8762
Jim Hershey 665-7284

PUBLIC SALE

Mule Drawn Farm Machinery • 2 Tractors on Steel
8 Head of Sorrel Mules • 5 Calf Hutches
11 Head of Holstein Heifers

Wednesday,
December 11, 1991
9:30 AM

Sale Held at Farm 4 miles east of Gap in Chester County, Pennsylvania, half mile North of Rt. 30 on Moscow Rd.

Mules • Harness • Hitches

Pair of 7 yr. old, 16 hands, exceptionally good team; Pair of smooth mouth; Pair of older mules, handy team, quiet for children; 2 single mules smooth mouth; 8 sets of Harness - collars - bridles; single - double - triple trees; 6 - 7 horse hitches.

Holstein Heifers

(Eleven open heifers, 5 breeding age, 6 smaller)

16 Horsepower Acme Diesel, good condition, presently used in shop

Farm Machinery

White Horse Machine 2 bottom plow, with tandem hitch; McDeering 2 way plow; 9 ft. Little Britain spring tooth harrow, new 4 years; John Deere 999 corn planter with plateless units; New Idea 323 corn picker, excellent condition; boom field sprayer with poly tank, roller pump with 3 h.p. engine; C-40 Gehl ensilage cutter good condition; New Holland 455 mower hydraulic on chassis, A.C. engine, sales separate; Cunningham crusher with interlocking rolls; combination 7 ft. bar mower with New Holland 404 crimper with 4 cylinder Wisconsin engine, hydraulic control; Pequea tedder; New Holland 55 rake; New Holland 310 baler with engine; 2 flat bed wagons; 16 ft. Zook - Ezee flow gears, good condition; 30 ft. Smoker elevator; corn drag; Stoltzfus liquid manure spreader; Stoltzfus 8 ft. manure pump; New Idea No. 17 manure spreader; log field roller, new 3 yrs.; 9 and 7 ft. single cultipackers; 4 forecarts, 2 w/steering & brakes; 50 ft. endless belt, like new; Hyd. unit w/Honda engine on chassis; 125 gal. gas tank; 2 wagons small items.

A.C. & Oliver Tractors

D19 Allis Chalmers gas on steel w/pulley; Hyd. Oliver 880 Diesel, both tractors in good running condition, Oliver needs pulley gear; 1 complete set of 4 tractor wheels and tires off A.C., power adjusting wheels 16-9-34 - 6-15-16 front.

Few Household Goods

New double glider lawn swing; Mahogany china closet; 4 matching chairs; cushion chair; child's play pen; etc.

Owners:
Eli S. & Rachel L. Dienner

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Plenty of Homemade Food

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JAN. 4 - 9 30AM, Trucks, Trailers, Tractors & Equipment, located along Chestnut Tree Rd., W. Nantmeal Twp, Chester Co, Omar & Ruth Beam, owners, Horning Farm Agency, Inc, Aucts

SAT JAN 4 - 10 30AM, Garden Tools, HH Goods, Personal Property, located West Side of Adamstown, Lanc. Co, PA, from Rt 272, N on Cocalico Rd to Black Angus Rest, ½ mi to farm, Leon & Eva Youndt, owners, LeRoy S Horst and Paul W Horst, Aucts

SAT. JAN 11 - 12Noon, 205 Acres M/L Farm, Beech Creek, Clinton Co, Beech Creek Twp, PA, Gerald & Elizabeth DuFour, owners, All American Aucts, Darvin J Rodgers, Jr, J Kevin Noll, Appr. Rltr, Philip V Nissley, Aucts

SAT JAN 11 - 1PM, 100 +/- Acres Lehigh Co Dairy-RE Deeded in 4 Separate Parcels, Main Facility now Used as dairy operation, located in Lynn Twp., Lynnport, PA, Ralph & Marie Dietrich, owners, Horning Farm Agency, Aucts

SAT JAN 18 - 10AM, Farm Machinery, UD 4230 Dsl, 1200 Gal. Girton Milk Tank, Bouamatic Computer Feeding System, located Chester Co., PA, 1 mi E of Octorara High School, Nelson & Joyce Stoltzfus, owners, Steve and Steve, Jr., Petersheim, Aucts

DEC.

THURS DEC 19, Centre Co Holstein Dairy Herd & Horse Drawn Farm Machinery Dispersal, located Shafferstown Rd, Madisonburg, PA, Daniel B & Naomi M Stoltzfus, owners, Bryan D Imes, Auct

THURS DEC 19 - 10AM, Fine Antiques, HH Goods, Old Quilts, Hand-Hooked Rugs, Tools, located 65 Penn St., Washington Boro, Manor Twp, Lanc. Co, PA, Ida D Young, owner, Howard Shaub, Aucts

THURS. DEC. 19 - 10.30AM, Annual Christmas Sale-200 Head Reg and Hi Grade Holsteins at the Shady Lane Dairy Sales, Inc, ¼ mi W of Quarryville off Oak Bottom Rd, Glenn and Dave Fite, Sale Mgrs.

THURS DEC. 19 - 1PM, Real Estate - +/- 8 Acre Equestrian Center Horse Farm, on premises Red Oak Equestrian Center, Inc'd, 1270 Cox Cro Rd, Toms River, NJ, Peter Costanzo Auctioneers, Inc, Aucts

THURS DEC 19 - 4PM, Shop Equipment, Tools, Van Conversion Supplies, Case Uni Loader, Garbage & Dump Trucks, located at the corner of Rt 897 and Wide Hollow Rd, 1 mi N. of Terre Hill, East Earl Twp, Lanc Co., PA, Bill Shumate, owner, T. Glenn Horst and Sons, Aucts.

FRI. DEC. 20, Farm Machinery, Binkley & Hurst Bros, 133 Rothsville Station Rd., Lititz, PA, John D Stauffer, Auct.

FRI. DEC. 20, Large Dairy Classic Consignment, located Intercourse, PA, The Cattle Exchange, Aucts

FRI DEC. 20 - 11AM Sharp! Holiday Dairy Sale-50 Holsteins, at Kling's Sale Barn, located 15 mi N of Carlisle on PA Rt 74, 2 mi. NE of Landisburg, PA, Kling's Auctions, Inc, Aucts.

PUBLIC AUCTION

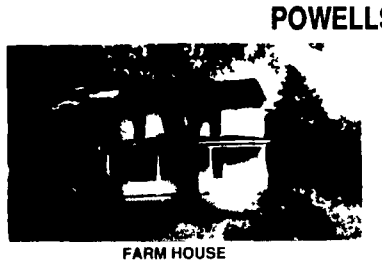
Dave Deibler & Ed Shoop

Saturday, December 14, 1991

At 12:00 NOON

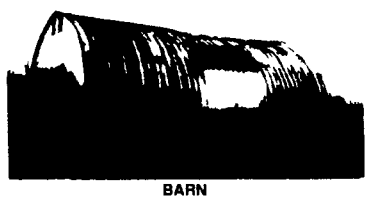
Located approximately six miles east of Halifax, Wayne Township, Dauphin County or 20 miles northeast of Harrisburg. Turn east from Route 225 at Community Banks. Proceed six miles on Carsonville Road to Sale Site.

153 ACRE FARM IN BEAUTIFUL POWELLS VALLEY

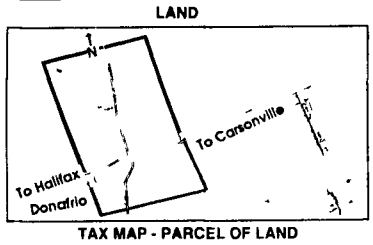


FARM HOUSE

LAND



BARN



TAX MAP - PARCEL OF LAND

REAL ESTATE 153 ACRE FARM- 1:00 P.M.

A 2 1/2 Story Frame Seven Room Farm House with Large Kitchen, Dining Area, Living Room and Sitting Room and Bath on First Floor. Second Floor consists of 4 Bedrooms, Full Attic, Grand Storage Cellar. Electric Baseboard Heat, Coal/Wood Kitchen Stove on First Floor, Well Water and Septic System. Front and Back Porches. There is a 3 Bay Bank Barn, Frame Garage and other Outbuildings.

LAND- Approximately 120 acres tillable, balance is woodland, pasture and spring fed stream and pond. There is a large amount of road frontage running north and south and east and west on property. Excellent hunting area. This tract of land has many possibilities; could be subdivided into four large parcels. Plan to inspect and be prepared to buy.

TERMS: 10% Down, Balance 60 Days. Additional Terms day of sale. FOR INSPECTION CALL: 717-362-9180

FARM & MISCELLANEOUS ITEMS 12:00 Noon

Swab Wagon Box & Chassis; Farmall (PTO) 6" Post Hole Digger; Farmall Tractor Quick Hitch; Farmall Mounted Cultivator; 2 Belt Driven Corn Shellers (one with wooden belt driven conveyor); Horse Drawn Spike Harrow; 2 Brooder Stoves; Commercial Air Condition Parts as (Coils, Motors, Fans, Pumps, Valves & Gauges to be sold in bulk); Gate Valves up to 4"; Approximately (50) 5'x6' Glass Top Room Dividers; Porch Pillars; Window Boxes; Windows; Stairway & Railing from an early dismantled house; Misc. Lumber; Scrap Iron; Approximately 3 Ton of Nut Coal and a few other items.

TERMS: Cash or Approved Check

OWNER:
ALMEDA O. MILLER
P.O.A.: Albert Lyter

AUCTIONEERS:
DAVID DEIBLER 896-8530 AU001213-L
EDWIN SHOOP 896-8305 AU000A42-L
37 Sycamore Ave.
Halifax, PA 17032

ATTORNEY:
Earl R. Etzweiler

PUBLIC SALE

OF
10 ACRES M/L
BRICK & SIDED DWELLING
REAMSTOWN - RED RUN

SAT., DEC. 14, 1991

AT 3 P.M.

Located at 1289 Red Run Road, East Cocalico Township, Lancaster Co., PA.

10 ACRES M/L
BRICK-VINYL SIDED DWELLING
w/DAYLIGHT BASEMENT

LIVING ROOM. EAT-IN KITCHEN w/birch cabinets, **DINING ROOM, 3 BEDROOMS,** closets, **DEN, SEWING ROOM, FULL BATH, DAYLIGHT BASEMENT** - Atglen stone fireplace, family room area, laundry, oil hot water heat.

28'x40' MASONRY GARAGE & WORKSHOP

Property located in Lancaster Co. farm area. 10 acres M/L with many possibilities. Ideal horse farm

OPEN HOUSE: Sat., Nov. 30 & Sat., Dec. 7, from 1 P.M. to 3 P.M. or call 215-267-5679.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement w/Auction Service.

Terms By:
LESTER W. GROFF
FLORENCE GROFF
215-267-5679

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

REAL ESTATE AUCTION

MON. DEC. 16, 5 P.M.

Location: 7 Miles North Of Lebanon, Pa. Follow Rt. #343 N. To Firemans Park, Turn Left Onto Elk Dr. To House On Left. From Rt. #22 At Light In Fredericksburg, Turn South & Go 1½ Miles To Firemans Park, Turn Right Onto Elk Dr. To House. Property Is In Leb. Co. Pa.

A Lovely Cape Cod Home Is On A Large Lot With Own Well & Septic. On 1st Floor Is A Lg. Living Rm. w/Fireplace, Family Rm. Dining Rm., And Kitchen With Lots Of Cupboard & Cabinet Space. Also A Half Bath. An Open Stair Case Takes You To The 2nd Floor Which Has Two Lg. Bedrms., One Has Fireplace. 2nd Floor Also Has Full Bath.

Property Has A Lg. Attached Garage, Lg. Basement, Nice View Of The Mountain. Property Also Has Oil Hot Water Heat. Move In For Christmas.

Terms: 10% Down Bal. In 30 Days.

For Appointment, Call Auctioneer Dwight D. Miller. (717) 933-5736.

Sale For:
RON H. ZUCK
ESQUIRE
STEINER, SANDOE COOPER

Auctioneer:
Dwight D. Miller
AU-002414-L
(717) 933-5736

NOTE: AUCTION WILL BE INSIDE

PUBLIC AUCTION

MON., DEC. 9, 1991
6:00 PM
Located at Nashville Fire Hall, along Rt. 116 8 mile West of York, Pa.

WINROSS TRUCKS
Gladfelter, M.F.X., Hall's, Racing Trucks, A.B.F. & many more.

HESS TRUCKS
1970 Fire Engine, Training Van, Split Window, 1976 Barrell van & more.

APPROX. 50 ERTL BANKS
Texaco #1, #2, #3, Harley Davidson.

Auctioneers: AU-1906
Richard Harry 656-2436
Randy Stoltzfus 656-8919
Food Available
No Out of State Checks Unless Known By Auctioneers.

Public Auction

VALUABLE 95 ACRE DAIRY FARM
Wed. Afternoon, Dec. 11, 1991
at 2:00 P.M.

Located 2 miles west of Schuylkill Haven on Route 443 at Route 183 intersection travel south approx. 1 mile turn west on Schwartz Valley Road, travel approx. 1 mile to auction. From I78 Strausstown Exit No. 7 take Route 183 north for approx. 10 miles to Schwartz Valley Road travel west 1 mile to auction. Wayne Township, Schuylkill County.

Real Estate consists of a 2½ story frame sided home, large steel sided dairy barn w/28 cow stanchions, Patz barn cleaner, pipeline milker, 20'x60' cement block silo w/unloader, 30'x40' steel sided equipment shed and other outbuildings, stream running thru property.

For inspection to see real estate call 717-386-4586 or 717-739-4539.

Terms: 10% down on day of sale in cash or certified check. Balance within 45 days.

Note: Come prepared to buy this farm.

Sale Ordered By:
Samuel & Gladys Schnoke

Auctioneer:
Robert A. Arner AU-000024-L
Apprentice Auctioneer:
Dean R. Arner AA-002004-L
Route 2 Box 216
New Ringgold, PA 17960
Phone 717-386-4586

PUBLIC AUCTION

CHARLIE'S SALES AND SERVICE
SAT., DEC. 14th, 1991
AT 9:00 A.M. SHARP

LOCATED: Approx. 7 miles South of Red Lion along Rt. #74, signs posted. Having closed the business and sold the building we will sell the following at absolute auction.

1982 Chev S-10 pickup truck-146,000 miles, 1968 Dodge 4x4 4 spd. engine rebuilt, Clark propane fork lift, 12 HP Commercial 48" new walk behind, 7 new Lawn Boy mower 2 commercial, 7 new Honda engines, 2 new Echo generators, new Echo power sprayer, new Echo and Poulan pro chain saws, new Snapper snowblowers various sizes, new 30" Snapper walk behind and other Snapper walk behinds, 2 Poulan gas powered blowers, new Kohler-Briggs & Tecom engines, 11 new gas trimmers, 1 doz. used riding mowers, new tractor & mower tires, 6 used snowblowers, PTO snowblower, mower lift, electric mower lift, 2 drill presses, 4 ft.- 3 pt. grooming mower, 8 ft. Myer power angle plow, steam Jenny, lumber dryed 10 yrs. Red Oak- White Pine- Walnut & Cherry, torch set, used parts, wide variety of accessories for mowers and chain saws, lots of new parts various makes. This is a large liquidation of inventory, the building will be sold to the bare walls, much more not listed that will be sold. **You may inspect items Friday, December 13th from 12 noon to 7 PM that evening.** This is your chance before Spring to buy new mowers, etc. at your price. Auction held mostly indoors.

TERMS: CASH OR GOOD PA CHECK; NO OUT OF STATE CHECKS!! BRING CASH SAVE THE PROBLEMS...

SELLERS:
Charles D. & Norma J. Cordrey
717-244-0800

ATTORNEY: George L. Eveler Jr.
Bradley K. Smith,
CAI Lic. #860-L
Patricia L. Smith
Lic. #2904-L
Auctioneers Ph: 927-6949

FOOD SERVED BY:
PLEASANT GROVE E.U.B. CHURCH

OUTSTANDING ABSOLUTE AUCTION

COMPLETE LIQUIDATION OF WFM GROCERY STORE, BAKERY, DELI

MONDAY, DECEMBER 9, 1991

AT 10:00 AM

Located at East Park Shopping Center, 4300 Derry St., Harrisburg, PA at I-83.

BAKERY EQUIPMENT

1:30 PM

2 REED 240,000 BTU ROTARY GAS OVENS 8X10, REED WALK IN PROOFER 8X10, 4 HOBART MIXERS MODELS 200, 300, 800 & 1401 FLOOR MODELS, ACME ROLL-SHEETER MODEL 8, FORTUNA DOUGH PRESS, 2 OLIVER ELEC. BREAD SLICERS, BLAKESLEE MIXER, 6-6' GLASS BAKERY DISPLAY CASES, 3 CONTEMPRA REFRIGERATED BAKERY DISPLAY CASE, GAS DONUT FRYER, GAS STEAM KETTLE, 4 FT X 20 FT BUTCHER BLOCK TOP WORK TABLE, 10-3 X 6 BAKERS CARTS, 8 DOUGH BINS ON WHEELS, 16' BAKERY PRODUCTS RACK, 250 ALUMINUM BAKING TRAYS, 30 BREAD BAKING PANS, 100 ALUM MUFFIN PANS, 50 ROUND CAKE PANS, PAN RACK, 2 GRALAB TIMERS, 2 DOVE SHRINK WRAPPERS, ALUM MEASURES, CARTS, WIRE RACKS PLUS MANY MORE ITEMS!

RESTAURANT DELI EQUIPMENT

10:00 AM

3 BLODGETT STACKING GAS PIZZA OVENS, 3 EXHAUST HOOD SYSTEMS 4X8, 6X8, 8X12 W/ANSUL SYSTEMS, 2 TRAULSEN STAINLESS STEEL REFRIGERATORS, 4-HENNY PENNY AUTO BREADING MACHINES, 4 HOT DOG MAKERS, 2-8' HILL DELI CASES, 5 WALK IN COOLERS SIZES: 2-16'X20', 14X20, 2-12X16, 4 SOUP KETTLES, GOURMET ROASTING OVEN, JUICE TREE JUICER, CVAP STAINLESS WARMING CABINET, GRINDMASTER COFFEE GRINDER, BUNN/CORY COFFEE MAKERS, HUSSMAN DEEP FRYER, 2-6' STAINLESS STEEL TABLES, 5-STAINLESS STEEL SINKS W/DRAIN ENDS, 6 S/S WASHROOM SINKS, QUASAR MICROWAVE OVEN, NACHO MACHINES, MEAT PLATTERS, SERVING/BAKING DISHES, S/S/ TRAYS, HOBART OVEN, 2 JET SPRAY UNITS, 3 CHEESE CUTTERS, DAHLEN ELECTRIC OVEN, SIGNS & SIGNBOARDS, 10 RUBBERMAID MOP BUCKETS, SOFT PRETZEL CABINET, PEANUT ROASTER, HOT PIZZA CABINET, ICE DISPENSER, ANETS 150 GREASE FILTER SYSTEM, PLUS MANY MORE ITEMS.

BUTCHER SHOP EQUIPMENT, 2:30 PM

HOLLYMATIC 180 MIXER/GRINDER, BIRO SHIP GRINDER/MIXER, BIRO MODEL 22 MEAT BANDSAW, TROLLY SYSTEM, SCHMIDT STAINLESS STEEL 8 DOOR PASS THRU COOLER 6X12, TOLEDO VALVEMATIC V-PRINTER/SCALE SYSTEM, 2'X5' BUTCHER BLOCK TABLE, 3'X6' BUTCHER BLOCK TABLE, 4'X10' BUTCHER BLOCK TABLE, 4 TEC COMPUTER SCALES, TOLEDO SCALES, 60 FT OPEN TOP MEAT DISPLAY CASE, 125 ALUM MEAT TRAYS, 100 PLASTIC TRAYS, S/S CART, 8 FT ELECTRIC STEAM TABLE, HOBART/DAYTON SCALES, PLUS OTHER ITEMS!

SHELVING, GROCERY STORE & MISC EQUIPMENT 12:30 PM

BRAND NEW RED HUSSMANN GONDOLA SHELVING - 321 LIN FT. ISLAND, 84' WALL & ASST. FILL SHELVES, 300 LINEAL FT GONDOLA SHELVING, DATA CHECKER T-2600-37 CHECKOUT SYSTEM W/7 TERMINALS, 7 TOLEDO SENTINEL III COMPUTER SCALES, GENERAL HYDRAULIC CARDBOARD BALER, 50 SHOPPING CARTS, 8 WARREN/SHERER WALK IN BOX CONDENSERS (LIKE NEW), 27 COMPRESSORS, 20 ALUMINUM SWINGING DOORS, 168' OF HILL OPEN TOP FREEZERS, 60' TYLER AIR SKREEN BEVERAGE DISPLAY, PRODUCE, DAIRY, DISPLAY CASE, 2 HUSSMAN REF. CASES, LATTNER 100 LB. GAS FIRED STEAM BOILER, 108' HILL MIRROR BACK CASES, 10 STOCK CARTS, WHIRLAMATIC 2500 FLOOR DUSTER W/CHARGER, 4 GUM/CANDY DISPLAYS, 5 RUBBERMAID TRASH CANS, 2 TIME CLOCKS, 4 MAGAZINE/BOOK RACKS, THERMO STORE HOT WATER HEATER, SMITH SUPER VAC, DIEBOLD CASH SAFEM 16 CONVEYOR CHECK OUT COUNTERS, 15 FIRE EXTINGUISHERS, 2-4 DRAWER FILES, BUDGIT ½ TON ELEC. CHAIN HOIST, BAG-ICE DISPLAY FREEZER, LOCKERS, 2 LARGE CANOPIES, HUNDREDS OF OTHER ITEMS!

NOTE: TREMENDOUS AMOUNT OF EQUIPMENT IN GOOD CONDITION! INSPECTION DAY OF AUCTION FROM 8:00 AM. REMOVAL BY FRIDAY, DEC. 14, NOON.

TERMS: PAYMENT IN FULL DAY OF AUCTION. CASH OR PA CHECKS WITH PROPER ID. NO OUT OF STATE CHECKS WITHOUT BANK LETTER OF GUARANTEE. TIMES FOR SELLING ITEMS ARE APPROXIMATE.

AUCTION FOR **WFM**
SCRIVNER, INC.

JEFFREY L. KNOSP, CAI
AU-1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

AU-1367

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

CONSIGNMENT AUCTION

KUTZTOWN Produce Auction, Inc.

R.D. 4, BOX 4153-A • FLEETWOOD, PA 19522
215-683-7161

December 14, at 10 AM

Herb Gebely
Auction House License #AH-000073-L

Featuring small farm equipment, household items, etc.

SAT. DEC. 21 - 9AM, Country Real Estate, Personal Property, Tools, Guns, located Dark Hollow Rd , Hallam Twp , York Co., PA, Estate of John H Dietz, Blaine & Nevin Rentzel, Aucts

SAT. DEC 21 - 9AM, Antique Farm Equip & Parts of the Farmer J. B Hostetter of Mt Joy, PA, located rear of 33 W. Main St , Mt Joy, PA, Clarence Hostetter, owner, Raymond Miller and Jim Hershey, Aucts

FRI DEC 27 - 9 30AM, 47 Acres w/Frame Farmhouse, Antiques, and HH Goods, located 3950 Old York Rd., Wellsville, PA, Estate of Mable G. Shaffer, Rentzel's Auction Service, Aucts.

FRI DEC. 27 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

SAT. DEC. 28 - 9:30AM, Excess Building Equip., & Material, located 7655 Harmony Grove Rd , Wellsville, PA, Stve E Slothower, owner, Rentzel's Auction Service, Aucts

SAT DEC 28 - 10AM, 142 Acre Farm & Equipment, located along SR 2002 off Rt 54, S of Danville, Lloyd E & Frances J George, owners, Horning Farm Agency, Inc , Aucts

SAT DEC 28 -11AM, Modern Farm Equip , (Between Reading & Allentown) 1st farm West of the Borough of Fleetwood toward Blandon, along West Main St , Berks Co , PA , Samuel S & Anna M Shirk, owners, Ralph W Zettlemoyer Aucts

SAT DEC. 28 - 5PM, 7th Annual Consignment Auction of Farm Toys and Toy Trucks, at Lancaster City "Days Inn" on Keller Ave near Stockyards, Dale Stoltzfus, Auct

MON DEC. 30 - 9AM, Complete Blacksmith Shop, Tools & Equip., located at 2227 Meadow View Rd., Mastersonville, PA, Blanche N Garman, owner, T Glenn Horst and Sons, Aucts

SAT DEC 7 - 9AM, Important Private Collection of 18th & 19th Century American German Language Imprints of Donald R Hinks of Gettysburg, PA, held at Horst Auction Center, corner of Rt 322 & Durlach Rd , Ephrata, PA, T Glenn Horst and Sons, Aucts

SAT DEC 7 - 9AM, Equipment Auction-Loader, Trucks, Autos, Farm Equipment, Heavy Equip , at Teitsworth Sale Lot, Groveland, NY, Roy Teitsworth, Inc , Aucts

SAT DEC 7 - 9AM, Antiques, Furniture, Glassware, Local Advertising Pieces, Brewer Mania, Lawn & Garden Equip., Tools, HH Goods & Coins, located 5349 Strasburg Rd , Gap, PA, Wayne & Peg Peirson Et Al, owners, Barr David Aucts

SAT DEC 7 - 9 30AM, Garage Auction-Garage Equip , Ski Doo Snowmobile Parts, Stock Stock, Office Equip , Building Equip , Store Items, located West Warren, Brandford Co , PA, West Warren BP, Carl & Ontalee Wilson, owners, Howard W Visscher, Auct

SAT DEC 7 - 10AM, Tractors, Construction & Farm Equip , located in Newark Valley, NY, Sale by Goodrich Auction Service, Aucts

SAT DEC 7 - 10AM, Delmarva Deere Dealers Auction-Tractors, Combines, Tillage Equipment, Lawn & Garden, located Taylor & Messick, Inc , Vernon Rd , RR 2, Box 104 Harrington, DE, Wilson's Auction Sales, Inc , Aucts.

SAT DEC 7 - 10AM, Elarby Saw Mill Auction-Lane Saw Mill, Lg Power Tools, Trucks, Wood, at the farm, Hackett Rd , Hampton, NJ, Lee Bisher, owner, Arthur Hanna, Auct

SAT DEC 7 - 10AM, Farm Machinery, to be held at The Aberdeen Sales Co , Inc , Churchville Agriculture Center, on Rt 22 in Churchville, Harford Co , MD, Aberdeen Sales Co , Inc , Sale Mgrs /Aucts

SAT. DEC. 7 - 10AM, Antiques, HH Goods, Iron & Brass Articles, Lionel Trains, Guns, Power & Hand Tools, held at Al Starr Community Bldg , village of Willow Street, Lanc Co , PA, Irene L Sensenderfer, owner, Howard Shaub, Inc , Aucts

SAT DEC 7 - 10 30AM, Construction Tools, Equipment, etc , held at shop in Lancaster Co., PA on Hensel Rd from Rt 772 go S 3 mi from Intercourse from Rt 30 go N at Rough and Tumble, on Hensel Rd , Amos L Stoltzfus, owners, Steve and Steve, Jr Petersheim, Aucts

SAT DEC 7 - 11AM, Annual Production Sale VA Beef Corporation, Blackstone Livestock Market, Blackstone, VA-300 Head, Coleman Sales, Inc , Aucts.

SAT DEC 7 - 11AM, Ranch House on 1 Acre, located along Lake Rd & Clay Valley Rd , Rockland Twp., Berks Co , PA, Debbie Peters, owner, Horning Farm Agency, Inc , Aucts.

SAT. DEC 7 - 11AM, Farm Machinery, Bulk Tank-Dump Truck, Purebred Jersey Heifers & Bull, located 1 mi W of New Waterford, OH on State Rt 46 to farm, Mike Demczyk-Chapter 12 Trustee for W Ralph Rupert, owner, Jim and Ken Baer, Aucts

MON DEC. 9 - 10AM, 80 Acre Fram lomcated at 1150 E Oregon Rd , Lititz, PA and Farm Equipment, Amos P. Landis, owner, E.M. Murry Assocs., Aucts.

NORTHERN VIRGINIA CONTRACTORS' AUCTION

FRIDAY, DEC. 13, 1991

10:00 A.M. HAYMARKET, VIRGINIA

DIRECTIONS: From DC take 495 to Route 66 West to Haymarket Exit (Rt. 15 S.), cross overpass of Route 66 to light at the junction of Route 15 & Route 55, turn left. Sale on immediate right.

TRACK LOADERS & DOZER

KOMATSU D66S track loader with OROPS, GP bucket; CAT 977K track loader with OROPS, GP bucket; CAT 953 track loader with OROPS; CAT 951C track loader with OROPS, GP bucket, S/N 32F1740; CAT 941B track loader with OROPS, GP bucket; JOHN DEERE 450C with OROPS, 5 way hyd. blade.

LOADER BACKHOES

JCB loader backhoe with OROPS; CASE 580 Super E loader backhoe with OROPS, JOHN DEERE 410 loader backhoe with OROPS.

AIR COMPRESSORS

JOY 160 cfm air compressor with diesel eng.; GARDNER DENVER 125 cfm air compressor with diesel eng.; ARROW board with gas eng.

HYDRAULIC EXCAVATORS & GRADALL

LIEBHERR 925 hyd. excavator with enc. cab, S/N 513269; LIEBHERR hyd. excavator S/N 515249; INSLEY H600 hyd. excavator S/N H7292C; GRADALL G600 on track with diesel engine.

FORKLIFT

ALLIS CHALMERS D15 5,000 lb. rough terrain forklift.

FLATBED DUMPS & FLATBEDS

1981 GMC 16' flatbed dump; 1982 FORD F8000 flatbed dump with 8.2 diesel engine, 5 sp , 2 sp. trans; 1981 VOLVO with 20' flatbed, diesel engine, 6 sp. trans., P/S; 1987 FORD F350 with 12' flatbed, gas engine, 4 sp. trans.

DUMP TRUCKS

1978 PETERBILT tri-axle dump with 8V92 Detroit diesel engine, 13 sp. trans. 14 1/2' alum. body; 1974 KENWORTH T/A dump with 8V92 Detroit diesel engine, 13 sp. trans., 14 1/2' alum. body; 1981 GMC S/A dump with gas engine, 5 sp., 2 sp. trans., P/S.

SPECIALTY TRUCKS

1979 MACK R600 T/A with 28' Jerr Dan roll back body, 6 sp. trans., Jake brake, P/S, A/C; 1980 CHEVROLET C70 S/A with Pittman Polecat pole setter with 41' reach, 2 augers, outriggers, 5 sp., 2 sp. trans, air brakes, P/S, gas engine; 1961 MACK B68 T/A cab & chassis with 540 Mack gas engine, 10 sp. trans., P/S.

ROAD TRACTORS

1981 MACK R600 T/A road tractor with 5 sp. trans, air steering, wet line, Mack diesel engine; 1981 IVECO S/A road tractor with diesel engine, 6 sp. trans.

TRAILERS

(3) 1980 TRAILMOBILE 40' van trailers; (3) 1977 - 1980 40' & 45' flatbed trailers; small S/A tag-along trailers; 1989 T/A tag-along trailers; 1981 ROGERS 35 ton detachable equipment trailer.

MISCELLANEOUS

Plate steel; hyd. hoses; tampers; small air compressors; shop tools; buckets; generators; other items too numerous to mention.

INSPECTION: Thursday, December 12, 1991 from 10:00 AM to 4:00 PM.

TERMS OF SALE: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashier's Checks. Personal or Company Checks accepted with accompanied by a Valid Bank Letter of Guaranteed Payment. Items sold "As-is, Where-is" with no warranties expressed or implied. Immediate removal. Not responsible for accidents. Subject to additions and deletions.

FINANCING: Financing can be arranged through the following company. Call before 72 hours of sale to make arrangements for financing on items $10,000 or more. Call Kathy Welborn, Credit Alliance Corp. (410) 859-2300.

STILL ACCEPTING ITEMS FOR THIS SALE.
NO SMALL ITEMS WILL BE ACCEPTED AFTER WEDNESDAY, DECEMBER 11, 1991.

Wolfe
301/663-8644
Industrial Auctions, Inc.
15 North Court Street, Frederick, Maryland 21701

MARYLAND OFFICE: (301) 663-8644
VIRGINIA OFFICE: (703) 754-0768
RANDY RUBY: (301) 271-2321
MARVIN HANN, JR. (301) 694-8174

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON DEC 9 - 10AM, Complete Liquidation of WFM Grocery Store, Bakery, Deli, located at East Park Shopping Center, 4300 Derry St, Harrisburg, PA at I-83, Kerry Pac Auctioneers, Aucts

MON DEC 9 5:30PM, Truckload of Groceries, Bareville Fire Hall, 211 E Main St, Leola, Terms by Bareville Fire Co, Local Auctioneers

MON DEC 9 - 6PM, Winross Trucks, Hess Trucks, Ertl Banks, Nashville Fire Hall, along Rt 116, 8 miles West of York, PA, Richard Harry, Randy Stoltzfus, Aucts

TUES DEC 10 - 10AM, Bikes, Toys, Decorations, Clothing, Bedspreads, etc, on premises 1825 E Boston Ave, Phila, PA, Wm F Comly & Son, Inc, Aucts

TUES. DEC. 10 - 6PM, Public Coin Auction, held at Horst Auction Center, located at corner Rt 322 and Durlach Rd, Ephrata, PA, T Glenn Horst and Sons, Aucts

WED DEC 11 -9:30AM, Mule Drawn Farm Machinery, 2 Tractors on Steel, 8 Head Sorrel Mules, 5 Calf Hutches, 11 Head Holstein Heifers, held at farm 4 mi E of Gap, in Chester Co, PA, ½ mi N of Rt 30 on Moscow Rd, Eli S. & Rachel L Dienner, owners, Steve and Steve, Jr Petersheim, Aucts

WED DEC 11 - 10AM, Contractor's Equipment, Vehicles, Office Trailers, Furniture, on premises C. Erickson & Sons, Inc., 170 W. Berks St, Phila., PA, Wm F Comly and Son, Inc, Aucts

MON. DEC. 11- 1PM, Outstanding Lanc. Co. Farm-56 Acres M/L Limestone Soil With Gentle Slope, located 849 Temperance Hill Rd, Lititz, PA, Donald E & Marian R Nolt and Ronald E & Denise L Nolt, owners, Paul E Martin Auction Service, Aucts.

WED. DEC. 11 - 1:30PM, Herd Dispersal-33 Head Reg. & Grade Holsteins from Western, PA, at Belleville Livestock Market, Belleville, PA

WED. DEC. 11 - 2PM, 95 Acre Dairy Farm, located 2 mi W. of Schuylkill Haven on Rt. 443 at Rt. 183 Intersection travel S. approx. 1 mi turn W on Schwartz Valley Rd., approx. 2 mi to Auction, Samuel and Gladys Schnoke, owners, Robert A. Arner, Auct.

WED. DEC. 11 - 3PM, Antiques, HH Goods, Tools, held at the Horst Auction Center, located at the corner of Rt 322 and Durlach Rd, Ephrata, PA, T. Glenn Horst and Sons, Aucts.

WED DEC 11 - 4PM, Personal Property, Antiques, Lemaster Community Center, Lemaster, Franklin Co, PA, J Robert Meyers, Auctioneer

WED. DEC. 11 - 6PM, Annual Production Sale Virginia Beef Corporation, Staunton Union Stockyard, Staunton, VA-450 Head, Coleman Sales, Inc, Aucts

WED. DEC 11 - 7PM, Stock Cow & Bred Heifer Sale, located Bluegrass Market, Inc., Lewisburg, WV.

THURS DEC. 12 - 9AM, RE, Good Clean Furniture, HH Goods, 22' Camping Trailer, Boats & Motors,

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ATTENTION COLLECTORS
ABSOLUTE
PUBLIC AUCTION

"All Trucks Selling Without Reserve"

A Private Collection of 325 WINROSS Promotional Model Trucks

Thursday, December 12, 1991

4:30 P.M. preview • 6:00 P.M. Auction
(Catalogues available auction day only)

Rajah Temple • Curtis Hughes • Set of Sico w/Yellow Tanker • Coke • Pepsi • Gerhart, PPG Racing

To be held at:
QUALITY INN LEBANON VALLEY
626 Quentin Road, Lebanon, PA
(To be held in the ballroom.)

Auction Conducted by the:
J. Omar Landis Auction Service
Jay M. Witman, AU0001127-L
Box 501, Ephrata, PA 17522
(717) 738-7920 or 665-5735

PUBLIC SALE

SATURDAY, DECEMBER 14, 1991

10:00 A.M.

FARM EQUIPMENT, HORSES AND MULES

Located six miles east of Lancaster, five miles west of Intercourse. One mile north of Route 340 from the underpass in Bird-In-Hand at 552 Beechdale Road, Lancaster County, Penna.

HORSES AND MULES

SPECIAL-- "Dixie" and "Lucy" five and six year old Sorrel Molly Mules with white manes. Standing 16-3 Hands with conformation to match their size.

This is an outstanding pair of mules, broke to perfection to work anywhere.

One pair of Gray- Strawberry Roan Powerful horses. Broke to work anywhere. Standing 17 Hands.

One Gray smooth mouth work horse. One well broke driving horse.

FARM EQUIPMENT

All equipment is field ready and much of it is in like new condition.

Case Comfort King "930" Diesel tractor 90 H.P., on steel; New Holland "273" baler with engine; New Idea one row #323 corn picker; Fox #546 Harvester- blower with 18" traveling feed table; New Idea hay crusher; White Horse Machine 2-bottom 12" Hyd. plow and 3-point hook-up for New Holland #450 7' mower; Zook liquid manure spreader.

Zimmerman 32' elevator; Two steel wheel wagons, one a Farm Built with 18' beds; two Little Giant bin wagons; John Deere KBA disc harrow; two cultipackers; John Deere 3-section spring harrow.

One horse McD corn binder with engine; New Idea 10A manure spreader; two fore-trucks; two McD riding cultivators; Iron Age potato planter; two New Idea hay rakes with tedders; Three row stalk shredder.

Pit elevator in good condition; Rebuilt Wisconsin engine; Spring wagon.

Platform scales; Stihl engine sprayer; 12 volt seeder; two knap-sack sprayers; spacer water pump; Two 45 lb. milker pails; strainers; vise; six sets of front gears; bridles; collars; lines; 1,2,3,4,5 and 6 horse hitches; 10 14' wagon tongues, log chains; Daisy 24" planer.

NEW 6'x8' playhouse; New Pine and Oak furniture including bunk beds; blanket chests; toy chests; can be used as a bedroom suite; Oak 48" round table, natural finish; four oak chairs; etc.

Owner,
AMOS S. STOLTZFUS

Sale Order
Small Items At Barn
New Furniture
Farm Equipment
Horses And Mules
Sale At 10:00 A.M.
Diffenbachs Auctioneers 225L
Ph. 393-4464

Lunch Available

Green Dragon Livestock Sales

Located 1 Mi. N. On North State St., Ephrata

Sale Every Friday

11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

Belleville Livestock Market
Wednesday, December 11, 1991

1:30 PM

Herd Dispersal

From Western Pa. - 33 head of registered and grade Holsteins. Also 5 Jerseys.

12 registered - 18 recently fresh, the rest in all stages, health charts - pregnancy checked.

This a young herd with good feet, legs and udders. Herd is averaging over 50 lbs. milk per cow.

For more information call:
Gene Glick
717-667-2703

HFA

REALTOR MLS

PUBLIC AUCTION

OF 101 ACRE LANCASTER COUNTY FARM AND 20 ACRE PARCEL

FRIDAY, JANUARY 3, 1992

@ 11:00 A.M.

Directions: From Lancaster Rt. 283W to E-town exit, right on Clover Leaf Rd., go .9 mile straight on Green Tree Rd. to T, turn right on E-town Rd., turn left on Sunnyburn Rd. to 1st farm on left. Mt. Joy Twp., Lancaster Co.

PARCEL #1: Property consists of 2½ story brick house; first floor has kitchen, living room, dining room & 1/2 bath; second floor has 3 bedrooms & full bath; full basement; oil hot air heat; slate roof. House has a brick addition with 2 car garage and apartment overhead.
BARN: 96x105, 2 story bank barn including a feedlot to fatten beef cattle, with a 72x105 outside loafing area. Feedlot set up to fatten 250 head of cattle with 3 Rissler bunk feeders and a Rissler feed mixer with a 6,000 pound scale.
SPRINGHOUSE: 2 story stone.
OTHER BUILDINGS: Small corn and equipment shed, and a 2-car garage.
SILOS: 2- 16x60 concrete; 1- 18x70 stave.
ACREAGE: 95 tillable acres; 5 in pasture-land with spring fed pond and stream. Approximately 990 feet of road frontage.
COMMENTS: Very productive Lancaster County farm in high state of cultivation, all buildings are in excellent repair in a beautiful setting overlooking pond and meadow.
PARCEL #2: 20 acres of all tillable land bordering 101 acres.
OPEN HOUSE: Saturday, December 14th from 1-4 PM or anytime by appointment.
TERMS: 10% day of sale; settlement on or before March 28, 1992. Owner financing available to approved buyer; call Horning Farm Agency for more information.
NOTE: Farm equipment to be sold February 15, 1992, watch for full listing.

Terms By:
ROBERT E. GINDER
LORAINE D. GINDER

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

PUBLIC AUCTION

7 ACRE FARMETTE
FARM EQUIPMENT

SCHAEFFERSTOWN-KLEINFELTERSVILLE AREA

SATURDAY, DECEMBER 14, 1991

Auction Time: 1:00 P.M.

DIRECTIONS: From Schaefferstown take Route 897 South Approx. 2 miles, turn right onto Weidman Road, first property on right. Heidelberg Township, Lebanon County, PA.

2½ STORY FRAME DWELLING contains kitchen w/built-in cabinets, range; Living Room; Family Room; Laundry & Utility Room. 3 Bedrooms w/wall-to-wall carpet; Full bath. Attic area; Full Basement w/outside entrance. **COAL, WOOD** or **OIL** fired hot air furnace.

- Well w/Pressure system
- Utility Shed
- Hardwood Floors
- Pasture
- Storm Windows
- On Lot Sewer
- Aluminum Siding
- Garden Area

2 CAR GARAGE & Shop area w/Elec. door opener. Approx. 4.5 Acres Tillable, or can be used for additional pasture. **1 ACRE** is **FENCED**, with both water & electric.

OPEN HOUSE: by appointment. For private showing, or assistance to obtain financing, call Paul E. Martin, Auctioneer, at 717-733-3511.

TERMS: 10% down day of auction, balance at final settlement on or before January 24, 1992. All herein information is believed to be accurate but is being used for advertising purposes only.

NOTE: A nice, quiet, country setting. Be sure to see this property with many possibilities, if you are looking for limited acreage to pursue a sideline or a hobby.

KENNETH C. SANDOE, ATTY.

FARM EQUIPMENT

Allis Chalmers W.D. w/spin out wheels, very few hrs. since overhaul; 3 Pt. hitch for W.D. or W.D. 45; John Deere 246 Two row corn planter; J.D. K.B.A. disc harrow; A.C. Tool Bar w/row markers; I.H. 3x14 trip plow; 3 point, 2 row cultivator; **NEW 40 FT. ZIMMERMAN BALE & CORN ELEVATOR. EQUIPMENT TO BE SOLD AFTER REAL ESTATE.**

AUCTION BY
GALEN R. & DONNA D. GOCKLEY

PAUL E MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001461-L
Paul E. Martin 717-733-3511
Aaron E Martin 717-738-4168
Ephrata, PA

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

Centre County
DAIRY HERD AND HORSE DRAWN FARM MACHINERY DISPERSAL
THURSDAY, DECEMBER 19, 1991
9:30 A.M.

Located along Shaffertown Road, Madisonburg, PA off Rt. 192, 15 mi. east of Centre Hall, 4 mi. west of Rebersburg and 20 mi. south of Lock Haven off Rt. 445.

GRADE HOLSTEIN DAIRY HERD
27 - MATURE MILKING ANIMALS - 27

A young disease free, good uddered herd with lots of size and production. 2 due-by sale day, 10 sell recently fresh, 9 due Jan.-Mar. balance in different stages of lactation. Herd currently milking close to 60 lbs. with several milking from 70 to 90 lbs.

60 DAY HEALTH CHARTS - PREGNANCY CHECKED - MILK WEIGHTS DAY OF SALE - COW SALE HELD IN DOORS

POWER UNIT AND MILKING EQUIPMENT

Lister diesel SR-2 14.6 hp 1800 rpm power unit, rebuilt 4 yrs. ago; Frick Blu-Cold model V16791 bulk tank compressor with Penn Thermostat, 2 yrs. old; amp meter box with alternator; Surge model D vacuum pump; 3-55 lb. DeLaval units; 55 and 65 lb. extra pails; dbl. S.S. wash vat; Dari-Kool Fre-heater DK 11-807; misc. milk house equipment. All milkhouse equipment line driven.

MODERN HORSE DRAWN FARM MACHINERY AND RELATED ITEMS

White Horse 2 bottom 12" hydraulic automatic reset riding plow, very nice; N.H. 455 7' PTO mower with IH 4 cylinder gas power unit with clutch and hydr. pump; Nicholson UT 1 hay tedder; IH 16 rola bar rake; IH 35 rola bar rake with new rubberized teeth; N.H. 5 and 6 ton chassis with 16' flatbeds one with sideboards; N.I. 28' hay and grain elevator; N.H. 273 baler with Wisconsin twin cylinder engine and gandy applicator; Brady 7' PTO pull type multi crop pulverizer with Wisconsin 465 gas power unit, sells as one unit, engine overhauled 1989; IH No. 7 12" silo shredder filler; Pequea wheel driven manure spreader with hydr. end gate, nice; IH 56 4 row conventional corn planter, with gandy insecticide; McCormick-Deering corn binder, not complete; nice binder loader; Little Giant gravity box with N.I. rubber tire chassis; Leory 9' single roll cultipacker; Oliver 9' dbl. roll cultipacker; N.H. 404 PTO crusher; McConnell 10' drag harrow; Auto turn fore cart; fore cart; Briggs and Stratton 393 cc 10 hp power unit; Emglo twin cylinder 5 hp stationary air compressor with dbl. pulley, like new; 2-275 gal. fuel tanks one with hand pump; Pre-Agro 35 grain moisture tester; 2-60' 6" belts; K1 W1 KB 3 battery operated elec. fencer; 2-round steel big bale feeders; barn tools; Silage and feed cart; 10' and 16' hvy. pipe livestock gates; bolt bin with assorted bolts; rubber tire garden way cart; wagon load misc. farm related items. ALL MACHINERY ON STEEL.

WORK HORSES: Big matched team of Belgians; Registered 8 yr. Belgian mare blonde mane and tail, lead horse, lot of snap, 9 yr. Belgian gelding, blonde mane and tail, works anywhere; 9 yr. old bay gelding, lots of snap; 2 smooth mouth bay geldings, work anywhere; 6 breech harness, collars, bridles and harness parts; single and double trees; yokes; 3, 4 and 6 horse hitches.

FEED: Approx. 100 bale first cutting alfalfa hay; approx. 500 bale second cutting alfalfa hay; approx. 35 ton new ear corn.

HOUSEHOLD ITEMS: Grandfathers clock; childs crib; davenport; Caloric 4 burner gas stove; Maytag wringer washer; typewriter; 7 mm rifle.

SALE ORDER: Miscellaneous Farm and Household Items 9:30 a.m.; Farm Machinery 11:00 a.m.; Horses 12 noon; Cows 12:30; Milk House Equipment and Feed Sells prior to cows.

TERMS: CASH OR GOOD CHECK.

Owners,

DANIEL B. & NAOMI M. STOLTZFUS

Bryan D. Imes, Auctioneer
Complete Sale Service
Phone 717-527-2449
AU-001656-L

SALE HELD RAIN OR SHINE
LUNCH STAND

THURS. DEC. 12 - 9AM, December Catalogued Auction, at Sanford Alderfer Auction Co., 501 Fairgrounds Rd., Hatfield, PA.

THURS. DEC. 12 - 10AM, Quality Woodworking Machinery, on premises of a Leading Woodworking Furniture Paint, 2525 Mitchell Ave., Allentown, PA, Certified Industrial Auctioneers, Aucts.

THURS. DEC. 12 - 5PM, Toys, Milk Bottles, Pocket Watches & Coins, Glass, Guns, Antiques & Collectibles, HH Items, held at the Mt. Pleasant Mills Fire Dept. Social Hall, Mt. Pleasant Mills, PA, Snyder Co., Kenneth Hassinger and Neil Courtney, Aucts.

THURS. DEC. 12 - 6PM, 325 Winross Trucks, Quality Inn Lebanon Valley, 625 Quentin Rd., Lebanon, PA, J. Omar Landis Auction Service.

THURS. DEC. 12 - 7PM, Toys, Trucks, Banks, held at Beil's Sales Co., 80 Auction Dr., York Springs, PA My Grandfather's Toy Box.

FRI DEC 13, Milking Herd Dispersal-80 Grade and Registered Holsteins, located Addison, NY, Steuben Co., Michael and Theresa White and Family, owners, Pirrung Auctioneers, Inc, Aucts.

FRI. DEC. 13 - 10AM, Northern Virginia Contractors' Auction, located Haymarket, VA, Wolfe Industrial Auctions, Aucts.

FRI. DEC. 13 - 11AM, Antiques & HH Goods, located at corner of Rt. 322 and Reidenbach Rd, Earl Twp., Lanc Co., PA, Fannie D. Auker Estate, T. Glenn Horst and Sons, Aucts.

FRI. DEC. 13 - 11AM, Sky Tangent Farm, Complete Milking Herd Dispersal, Reservior Hill Road off Steuben Co. Rd, Addison (Steuben Co.) New York, Mike & Theresa White, owners, Pirrung Aucts.

FRI. DEC. 13 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

SAT. DEC. 14, Estate of James Teed Complete Dispersal of 2 Sawmills, Logging Equip. and Tools, due to a tragic and untimely death! located Springwater, NY, Livingston Co., Pirrung Auctioneers, Inc, Aucts.

SAT. DEC 14 - 8 30AM, Antiques, Furniture, HH Goods, Masonic Dudley Pocket Watch, Hummel & Rockwell Collector Plates, Glassware, Dishes, Tools & Hardware, held in the Chanceford Community Center, 1 block off Rt. 74, Brogue, York Co., PA, for Mrs. Lena Dudley of Light Street, Balt., MD, Bob & Tom Sechrist, Aucts.

SAT. DEC 14 - 9AM, Brick Rancher, Real Estate, Stone & Redware, Wood & Tin, Antiques, located at 1022 Main St, Blue Ball, PA, Samuel Ford and Erma Ford, owners, T. Glenn Horst and Son, Aucts.

Public Auction

Every Fri.

5 P.M.
Furniture

Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service
Dennis #2357 — **Res. (717) 664-3893**
Bob — **Res. (717) 665-6684**

IMPORTANT PUBLIC AUCTION
QUALITY 80 ACRE LANCASTER COUNTY FARM AND FARM MACHINERY
Monday, December 9, 1991
10:00 A.M.

Located at 1150 East Oregon Road, Lititz, Pennsylvania. 1.5 miles east of Lancaster Municipal Airport. East Oregon Road begins at Rt. 501 at the traffic signal just north of Neffsville.

Real Estate 1:00 P.M. - 80 acres M/L of level land lying in the heart of a fertile limestone valley in Manheim Township, Lancaster County Pa. Thereon erected 12 room brick farmhouse, large bank barn, corn shed and garage. This farm has a great rural setting in a beautiful area of Lancaster County.

Farm Equipment 10:00 A.M. - John Deere 4020 Diesel tractor wide front, Oliver 88 gas tractor, John Deere 346 Baler w/ejector, 1240 (4) row John Deere, Corn planter wide row w/ fertilizer and insecticide attachments, John Deere F325 bottom plow 16" bottoms Hydraulic Trip, Oliver 28 disc, disc harrow, Oliver 140 Bu. PTO Manure spreader, IHC 1150 Grinder Mixer (2) EZ Trail bin wagons, (2) Zimmerman wagons with hay racks, (1) New Holland wagon with hay rack, flat wagon, Fox Brady 722 flail chopper, Approx. 60 ton ear corn, 8 ft. M.F. Scraper blade 3 pt., Brillion 10" cultipacker, Pequea 710 fluffer. Sauder loader, Rhino 156 Chisel plow 7 point, Ford 3 pt. hitch cultivator, farm hand wheel rake, Farmec elevator, New Holland 479 Haybine, Stoltzfus elevator, New Idea double row mounted cornpicker fits Oliver 88, fuel tank, (1) wagon lot of small items, portable air compressor, Antique winnower, Hahn Eclipse 8 HP LTD 500 Riding Mower 30", Hahn Eclipse 21" rotary mower, also items of value not mentioned.

Terms: 10% down at time of sale. Settlement on or before April 1, 1992.

Inspection: November 19, 1991 11:00 A.M. - 2:00 P.M. or by appointment.

Auction For

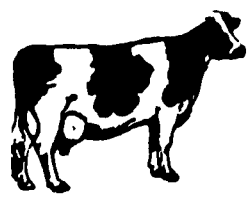
AMOS P. LANDIS

Gibbel, Kraybill & Hess Attys.

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

Dairy and Livestock Sales



HOLIDAY DAIRY SALE

FRIDAY, DECEMBER 20, 1991 -
11:00 A.M. SHARP (DAYTIME SALE)

Selling At Kling's Sale Barn Located 15 Miles North Of Carlisle On Pa. Route 74 - 2 Miles Northeast Of Landisburg, PA.

FEATURING 50 HOLSTEINS FROM WALTER BROWN - CONNELLSVILLE, PA. (412-887-7809)

Walter Brown, one of the good, young dairymen in South Western, Pa. has decided to reduce his milking herd by allowing Orin Bender, Clark Yoder and myself, Art Kling, to select from the heart of the herd. We have selected young cattle that are recently Fresh or will calve no later than the middle of January - with a few outstanding individuals - different stages. They are Super Uddered - Milking well - majority Registered. Several will score V.G. or better. Tie stall cattle - never pushed for production - bred to produce and last. Certified and Accredited - Vaccinated for Shipping Fever.

Take advantage of Walter's good Cow Sense and his years of Breeding Top Cattle to add the right kind of replacements to your Herd.

(V. Art Kling)

SELLING AT SAME TIME - FOR ART KLING

40 Recently Fresh, first and second calf Heifers, over half registered - + all Heifer Calves born before Auction.

Special Mention: 3 Yr. old S.W.D. Daughter- Scored G+ at 2 yrs. Due right at sale time to **Conquest-** (2 V.G. Dams)

2 Yr. old **Astro Jet** due to **Inspiration-** Fresh by Sale Date

2 Yr. old **Melvin** Daughter bred to **Starmaker-** also due at Sale Time

4 Yr. old Red & White **Cavalier** Daughter- sells- recently Fresh (Fancy young cow)

4 Yr. old V.G. **Marlin-** Due early January to **Lincoln**

4 Yr. old V.G. **He-Man** with a fancy udder- due to **Pearmont ET.**

3 Yr. old **Sentry** bred to **Astro Jet**

And - Last but not Least:
3 Yr. Old Daughter of **Citation R** and a 2 Yr. old **Lassie Leader** Daughter - Both should be Fresh by Sale Date

Others Sell Sired by: Midnight - Starbuck - Chief Mark - Astro Jet - Mandingo - Royalty - Triple Crown - Dixiecrat - Jubilee - Jethro and other Top Sires.

Selling for a Neighbor:
15 Registered Heifers - all Sire Power - From breeding age down to Yearlings - DHIA Records - Vaccinated - Pregnancy checked - Only being sold due to Shortage of Feed.

And- 9 Straws of Ivanhoe Star.

15 AMP of Whirlhill Kingpin

Mr. Dairyman- Bring your Family and Register for several nice Door prizes - Christmas Gifts to all Buyers.

Free Ice Cream and Milk to All
HAPPY HOLIDAYS

SALE MANAGED BY:

KLING'S AUCTION SERVICE

R.D. 1, Box 66, Landisburg, PA
PA License No. 00500L
Office: 717-789-3883
Fax: 717-789-4226

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT DEC 14 - 9AM Sharp! Charlie's Sales and Service-Trucks, Equipment, located approx 7 mi S of Red Lion along Rt 74, signs posted, Charles D. & Morma J. Cordrey, owners, Bradley K. Smith and Patricia L. Smith, Aucts.

SAT DEC. 14 - 9AM, Equipment Auction-Farm, Lawn, Construction Machinery, located Rt 8, S New Berlin, NY, SNB Valley Supply, owner, Roy Teitsworth, Inc, Auct

SAT DEC 14 - 9 30AM, Farm Machinery, Tools, Guns, Antiques, Collectibles, Hay, Etc, locatd 2 mi SE of Augustaville, 6 mi S on Rt 890 from Sunbury, PA, turn E at Ross Construction Bldg, 1 mi to sale site, Charles J and Zae E Haas, owners, Mark J Jones, Auct

SAT DEC 14 - 10AM, Farm Equipment, Horses and Mules, located 6 mi E of Lancaster, 5 mi W. of Intercourse, 1 mi. n. of rt 340 from the underpass in Bird-In-Hand at 552 Beechdale Rd., Lanc. Co, PA Amos S Stoltzfus, owner, Diffenbach's, Aucts

SAT DEC 14 - 10AM, Farm Real Estate Auction-431 Acres Michigan Thumb, Grain Livestock, etc, located 6 mi N of Bad Axe, MI, Harold & Jane Kociba, owners, Halderman Farm Management Service, Inc, Aucts

SAT DEC 14 - 10AM, Antiques, HH Goods, Furniture, Tools, 2-Wheel Trailer, located 35 Cottage Ave, Lancaster, PA, William Hammers, Jr Est, Miller and Siegrist Auctioneers

SAT DEC. 14 - 10AM, Sawmills and Logging Equipment, for the Estate of James M Teed D/B/A Quad County Lumber Co, located Springwater, Livingston Co., NY, Pirrung Auctioneers, Inc, Aucts.

SAT. DEC. 14 - 11AM, Annual Production Sale VA Beef Corporation, Springlake Livestock Market-400 Head, Moneta, VA, Coleman Sales, Inc., Aucts.

SAT. DEC. 14 - 12Noon, 153 Acre Farm in Beautiful Powells Valley, 6 mi E of Halifax, Wayne Twp, Dauphin Co., Almeda O Miller, owner, Deibler and Shoop, Aucts.

SAT DEC. 14 - 3PM, 10 Acres M/L Brick & Siding Dwelling, located at 1289 Red Run Rd., East Cocalico Twp, Lanc Co, PA, Lester W Groff and Florence Groff, owners, T Glenn Horst and Sons, Aucts

MON DEC 16 - 11AM, Farm Equipment, located Crawfordsville, IN, Karle Farms, owner, Schrader RE & Auction Co, Inc, Aucts

MON DEC 16 - 5PM, Real Estate, Elk Dr, Lebanon, Leb Co, PA, Ron H Zuck, Esquire, Dwight D Miller, Auct

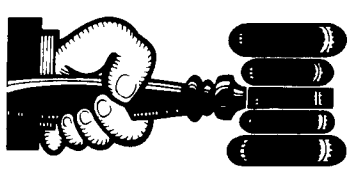
TUES DEC 17 - 11AM, Valleymere Reg. Holstein Herd Dispersal, Chester Co., Pa. 70 Head-100% Reg. & Home Raised, 10 Animals Scored Very Good, 2 Very Good 85 2 Yr Olds. Owners: J Elmer & Sadie M. Lapp Auct Steve & Steve Jr Petersheim, 215-593-2828.

WED. DEC. 18 - 9AM, Full Line Of Horse Drawn Farm Machinery, Draft Horses & Harness, Lanc. Co, Pa Owners. Joel S & Miriam King. Auct. Steve & Steve Jr. Petersheim, 215-593-2828.

WED. DEC 18 - 10AM, Large Liquidation of Highway Supply Co.-Including New Inventory, Rolling Stock, Shop Tools, Specialty Items, located Bath, NY, Steuben Supply Co, owners, Pirrung Auctioneers, Inc, Aucts.

WED DEC 18 - 10 30AM, Farm Machinery, located 1213 E Grant Ave, Vineland, NJ, Andrea's Auction Service, Aucts

WED DEC 18 - 11AM, Extremely Well Equipped & Maintained Machine Shop, located at 251 S Herman St., York, PA, Baldwin Industrial Liquidators, Aucts.



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

C.W. SHIRK
Licensed & Bonded
Professional Auction Service
* Dairy Dispersals
* Real Estate
* Farm Equip. & HH Goods
Ephrata, PA
717-656-8793

John D. Stauffer
S Auctioneers
1484 Mountain Road, Manheim, PA 17545
All Types of Auctions
Real Estate • Farm Equipment • Dairy
Household Goods • Antiques
Phone 717-665-5099

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LLOYD H. KREIDER
AUCTIONEER
717-786-3394
ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

ROGERS COMMUNITY AUCTION INC.
Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.
FRIDAYS
Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

Hay And Straw, Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

Professional AUCTIONEERING
PAUL E MARTIN AUCTION SERVICE
AU-001601 L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
Ephrata, PA
SPECIALIZING IN
Farms - Farm Equipment
Dairy Dispersals -
Agri Business Auctions
Expect the same dependable service we've provided to Lancaster County and neighboring areas for the past 20 years.

Auctioneer:
Steve
Steve Jr. **Petersheim:**
Petersheim Auctioneers
COMPLETE AUCTION SERVICE
Antiques
Household Goods
Farm Equipment
Real Estate
215-593-2828

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

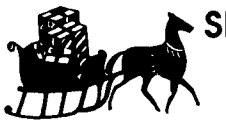
DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23
WEDNESDAY, DECEMBER 11, 1991
HEIFER SALE 11:00 A.M.
FRESH COWS & HEIFERS 12:30
Regular Run Of Locally Consigned Cows & Heifers
Loads Of Fresh Cows & Springers for Mel Brenneman, Alfred Albright, Leroy Smucker and Marvin Eshleman.
New Holland Sales Stables, Inc.
Barn 717-354-4341 **Fax 355-0706**
Norman & David Kolb, Mgrs. 61L
717-397-5538

ANNUAL CHRISTMAS SALE

At The Shady Lane Dairy Sales, Inc.,
¼ Mile West Of Quarryville Off Oak Bottom Rd.
200 HEAD REGISTERED AND HI-GRADE HOLSTEINS
THURSDAY, DECEMBER 19, 1991 10:30 A.M.
Complete Herd Dispersal From
Mr. & Mrs. Byron Rettinger, Halifax, Pa.
60 Head Mature Registered And Grade Holsteins. 15 Cows And 1st Calf Heifers Recently Fresh. 16 Dry Cows, 7 More To Go Dry. This Is A Fall And Winter Herd. Cows Have Been Well Taken Care Of A Family Operation- Tie Stall. Selling Only Due To Moving To Another State, Discontinuing Dairying.
10 Head Top Cows From Ashland Virginia Record To 30,000 Milk, Mostly Registered. You Will Like These.
4 Head From York Co., All Fresh Milking 1st Calf heifer 75 Lb. 2 Milking In 80 Lb. 1 Registered Cow Scored 87 Points A Fancy Cow.
A Good Group Of Young Fresh And Close Cows From Chester County.
15 Head Outstanding Fresh Cows From Maryland Individuals Milking 90 Lb.
100 Head Fresh And Close Springer's With A Lot Of 2nd, 3rd Calf Heifers. 25 Head From 1 Herd. Registered And Grades In This Group. Farmers Mark This Date. We Put Every Effort To This Special Christmas Sale To Try To Make This A Enjoyable Day For You And Try To Have Some Of The Best Cows And Heifers Available. Come See Us. I Think You Will Be Pleased With What We Have To Offer.



SHADY LANE DAIRY SALES, INC.
Quarryville, Pa.
Phone Glen 1-717-786-2750
Dave 1-717-786-1725

PS: This Is A Yearly Sale. Plan Your Work To Come Early And Stay Late. A Lot Of Good Cows Will Be Sold At The End Of Sale.

MILK. IT'S FITNESS YOU CAN DRINK.

MELVIN KOLB, INC.
CHRISTMAS SALE

FOR EVERYONE THAT BUYS A COW!
Come Early!
Enjoy a Delicious Christmas Dinner

FRIDAY, DEC. 13, 1991, 11:00 A.M.

250 — QUALITY HOLSTEINS — 250

150 Just fresh, lots milking from 80 lbs. to over 100 lbs. per day
100 Close to freshening springers

LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 West and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

Especially Selected for this Sale: 175 Grade Cows and Heifers
75 Purebred Cows and Heifers

2 Trailer loads of New York Fresh grade cows, some milking over 100 lbs. per day
4 Trailer loads of Purebreds and grade cows and heifers, lots of milk and quality from New England States.
1 Trailer load of purebreds from New York
1 Load of good grade and purebred fresh cows from Northern PA

Sample of Cows Selling

- A VG ROUND OAK RAG APPLE ELEVATION Dtr. 4 yrs 347d 21,623 3.5 765, Dam VG 24,960m - 808f
- A Fancy BRIDON ASTRO JET Dtr. 289d 18,832 - 613 due to BEAUCOISE KAISER
- A 2 yr. HANOVER-HILL INSPIRATION Dtr. due to MADAWASKA AEROSTAR
- A 3 yr. PAWNEE FARM ARLINDA CHIEF Dtr., Dam VG 21,730 - 3.6 - 791f next Dam 23,710 - 3.9 - 918
- A DREAMSTREET ODYSSEY Dtr. with Fresh heifer calf from BRIDON ASTRO JET 2 yrs. 17,976 - 3.9 694, Dam EX-90 24,990 - 3.4 - 845, next Dam VG 18,580 - 4.0 - 743
- A GP HANOVERHILL STARBUCK Dtr. due to HANOVERHILL JETHRO 2-yrs. 17,671 - 4.2 - 743, Dam VG MATTADOR Dtr. 20,981 3.62 - 690
- A BUTLERVIEW MATTADOR Dtr. 18,900 - 668, Dam VG 3 yrs. 18,785 - 611
- A STRICKLER MGM GAMBLER Dtr., Dam 88 pts. BELL Dtr. 4-03 yrs 365d 31,820 3.6 1140
- A MARTHAVEN DYNAMIC Et-Red Dtr., Dam VG ASTRO JET 296d 19,478 3.7 714
- A BRIDON ASTRO JET-ET Dtr. due to HANOVERHILL LINCOLN, Dam VG-85 25,170m 4.3 860, 2nd Dam VG 19,206 - 4.2 800f, 3rd Dam GP
- A VG TORA MATT LANCER Dtr. due to TOWNSON LINDY, Dam GP REFLECTION Dtr. 19,895 - 4.7 - 909f
- A VG TRI-DAY VALIANT GOLD Dtr. 16,550 - 4.2 - 699 inc., Dam EX-90 24,660 3.6 - 888 next Dam VG-87 26,240 - 3.4 - 880
- A Big Fancy R&W BECKENRAH ELM PARK MAX-RED-ET Dtr. due to REGAL RED

4 Service Age Bulls:

- A WALKWAY CHIEF MARK Son, Dam VG-88 305d 37,268 - 4.1 - 1518, 2nd Dam VG-87 26,710 - 3.9 - 1047, 3rd Dam VG-88 23,791 - 4.4 - 1045, 4th Dam EX-94 24,440 - 4.2 - 1024
- A TO-MAR BLACKSTAR Son, Dam VG-86 ENHANCER Dtr. as 3 yrs. over 27,000 - 1100 fat, next Dam EX BOVA 28,062 3.7 1028, 3rd Dam EX-90 28,210 - 4.5 - 1256, 4th Dam EX-90 24,604 4.7 - 1147
- A HANOVER HILL INSPIRATION Son, Dam at 3 yrs. 32,406 - 3.9 - 1269 - 1203 Prt. Next Dam EX-VALIANT 31,747 - 4.3 - 1360f, 3rd Dam EX-90 36,090 3.5 1273, 4th Dam 91-4E 34,077 - 3.9 - 1342, 5th Dam VG-86 18,650 4.6 853
- A ROUND OAK RAG APPLE ELEVATION Son, Dam EX-VALIANT 92 E 20,618 3.5 713 next Dam EX-91 Lifetime 125,120 - 4.1 - 5106

Many more good ones not in this ad. Several Purebred heifer calves from these good cows. FREE TURKEYS WITH CALVES ALSO.

Come early, enjoy a delicious Christmas Dinner, Serving at 10:30 A.M. till sale is over. Buy a good cow, receive a Free Turkey. If you need purebreds or grades with milk and quality, come on over Dec. 13, 11:00 A.M.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please call: (717) 569-2106 or (717) 569-6800 before noon on Thursday, Dec. 12.

PA Farm: 2220 Dairy Rd., Lancaster, PA

Sale Managers: Dennis & Mel Kolb
Auctioneer: Robert C. Mullendore (AU-000644-L)
Pedigrees: Henry Kettering

FRONT TRACTOR

3 Rib

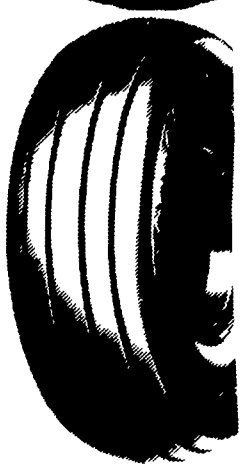
600-16 4 Ply TT	$39.95
600-16 6 Ply TT	$44.95
650-16 6 Ply TT	$48.95

4 Rib

750-16 6 Ply TT	$59.95
95L15 6 Ply TT	$65.95
11L15 8 Ply TT	$84.95
1000-16 6 Ply TT	$87.10
1000-16 8 Ply TT	$89.60
1100-16 8 Ply TT	$106.00

Dyna Rib Premium

14L-161 6 Ply TL	$215.00
14L-161 10 Ply TL	$240.95



Farm Utility Wagon Tires

95L15 6 Ply TT	$46.95
95L15 8 Ply TT	$49.95
95L15 6 Ply TL	$51.95
95L15 8 Ply TL	$54.95
11L15 6 Ply TT	$47.95
11L15 8 Ply TT	$48.95
11L15 10 Ply TL	$72.95
11L15 12 Ply TL	$84.20
12L15 12 Ply TL	$98.95

PIT STOP
ON-FARM TIRE SERVICE
For help when you need it call us
We'll get you going again in a hurry
One call from you and we're on our way

Get the pull of your life with Dyna Torque Radial rears

DYNA TORQUE RADIAL

- Revolutionary 3-lug per pitch design improves traction and ride
- Computer designed "natural" shape casing improves tire body life
- Radial construction provides better traction, lower fuel and overall costs

15.5R38 ★	$459.00
169R38 ★	$575.00
184R34 ★	$529.95
184R38 ★	$529.95
208R38 ★	$669.95
18.4R42 ★★	$669.95

The Hard-Working, Hard-Pulling Tractor Rear

DYNA TORQUE II

112-28 4 Ply	$170.00
124-28 4 Ply	$189.00
136-28 4 Ply	$215.00
155-38 6 Ply	$320.00
169-38 6 Ply	$415.00
184-34 6 Ply	$399.00
184-38 6 Ply	$423.00
184-38 8 Ply	$482.00
208-38 8 Ply	$640.00

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction
- Designed for improved stability and road-ability, plus reduced vibration
- Strong angle-braced lugs have self-cleaning design
- High-strength polyester cor body, and heavy duty rim shield protects tire from damage

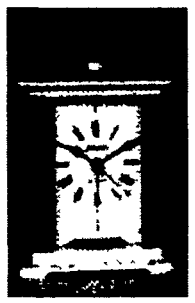
DYNA TORQUE RADIAL NO RISK OFFER

Buy a pair of Dyna Torque radials now. If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference.

Lebanon Valley Imp. Co. 700 E. Linden St. Richland, PA 717-866-7518	**Horlacher & Sherwood** 153 E. Tioga Tunkhannock, PA 717-836-1116	**Zimmerman Farm Service** School Rd Bethel, PA 717-933-4114	**Caldwell's Tire Service Inc.** Rt. 213 South Chestertown, MD 301-778-5585	**Yoder Tire Service** RD 1 Towanda, PA 717-265-3635	**Dices Tire Shop** 1421 Lincoln Way Chambersburg, PA 717-264-9312
Colledge Tire 735 W Cypress St. Kennett Square, PA 215-444-5030	**Goodyear Auto Service Center** 260 W. Hamilton Ave. State College, PA 814-238-4955	**Babek Commercial Tire Service, Inc.** 161 Monmouth Ave. Highstown, NJ 08520 609-426-4200 GOODYEAR	**Shueys Sales & Service** Jonestown Road Ono, PA 717-865-4915	**Donald B. Rice Tire Co.** 909 East St. Frederick, MD 21701 1/800-950-0550	**BHM Farm Equipment** RD 1 Rt. 934 North Annville, PA 717-867-2211

DELWEACO For the FINEST in CLOCKS and WATCHES!

FOR CHRISTMAS!! Hourly Music and Strike!



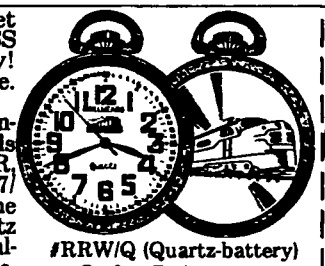
Music on the Hour Strikes on the Hour 16 different tunes also a Beeper Alarm

#5102H DELWEACO CARRIAGE CLOCK! MINI CHIME, STRIKE, & ALARM CLOCK! 16 MELODY AND HOURLY STRIKING! Plays a DIFFERENT TUNE on EVERY hour; after the tune, it STRIKES the correct time!! Shuts its self off during the night (no music or striking from 10 PM to 5 AM.) At 6 AM it will again play music and then strike 6! Uses a high quality speaker system for BEAUTIFUL sound. You will be amazed at the music quality! Plays such all time favorites as 'Long, Long Ago', 'Cuckoo Waltz', 'Home on the Range', 'Farmer in the Dell', 'Home Sweet Home', and 11 more! (Music and striking lasts about 30 seconds). This is also an ALARM CLOCK. Has a standard (medium loudness) 'Beeper' type alarm (does NOT wake to music). The music nor striking will not sound when the alarm is set to 'ON'. This allows daytime use of the alarm. Alarm on/off button is located on top for easy reach. The clock is in all WHITE, (will match any bedside or any other room) clear crystal over black numerals, black hour/minute hands, grey alarm and sweep hands. Size is 6" tall, 4" wide and 3" deep. Uses 3 'AA' batteries (not included). ONE YEAR WARRANTY. This is another of the DELWEACO series and is completely serviceable. Suggested Retail: $34.95.

MUSICAL

Sale Price: **$22.95!** 2 or more at **$20.95** each!

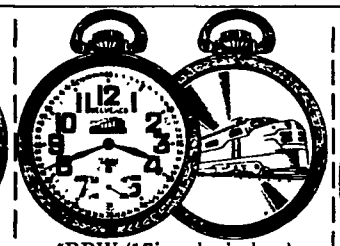
All DELWEACO Pocket Watches are ALL SWISS MADE of finest quality! Shown about 1/2 size. GUARANTEED 1 YEAR against defects or workmanship. The 17jewel models are FULL JEWEL LEVER, Incabloc Shock, UT6497/6498 movements; not the cheap pin levers. The Quartz (battery) models use quality H373 SWISS movements. The battery will last from 1 to 3 years. Battery is installed, ready to go. Andy



#RRW/Q (Quartz-battery)

Sale Price: $39.95!

Deduct $2.00 per watch on 2 or more

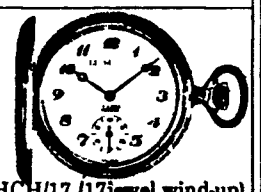


#RRW (17jewel wind-up)

Sale Price: $49.95!

FREE POCKET WATCH STRAP WITH EACH WATCH!

NEW MODEL!



#HCH/17 (17jewel wind-up) (shown above)

#HCH/Q (Quartz-battery)

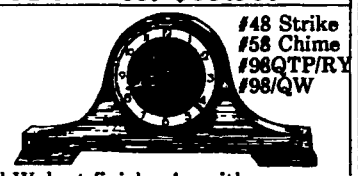
Deduct $2.00 per watch on 2 or more

FARMER PLOWING SCENE on front cover

#HCH/17 **Sale Price: $50.95!**

#HCH/Q **Sale Price: $39.95!**

All of our DELWEACO key wind clocks (and ALL of our cases) are made in West Germany and are GUARANTEED FOR 1 YEAR against any defects or workmanship. We handle only the DELUXE-top of the line - we do not have the standard quality. Our key winds have Hermle 8 day Floating Balance movements. Our quartz (battery) models have a Seiko or Rythmn movement (Westminster or Quad Chime)BATTERYS INCLUDED.. All quartz (battery) models have a 2 YEAR GUARANTEE! The following case styles are available in the various models as specified.



#48 Strike
#58 Chime
#98QTP/RY
#98/QW

Shaded Walnut finish case with open center dial (lets the beauty of the wood show through!) Brass numbers and hands, brass trim. 16 X 9X5. The following models available:

#48 BIM/BAM STRIKE - 8 day Keywind

Special Sale: $154.95!

#58 WESTMINSTER Chime - 8 day Keywind

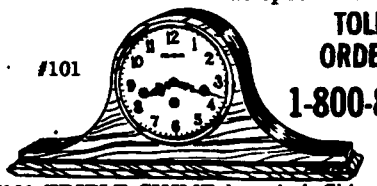
Special Sale: $164.95!

#98QTP/RY QUAD quartz (battery) 4 different chimes (Westminster,St Michaels, Whittington, & Bim/Bam Strike) Quarter hour chimes.

Special Sale: $164.95!

#98/QDC DUAL CHIME quartz (battery). Westminster & Whittington 4/4 Chimes!

Special Sale: $119.95!



#101

TOLL FREE ORDER LINE: 1-800-882-8799

#94QTP/RY
#94/QW Chime

#101 TRIPLE CHIME keywind. Chimes each quarter hour - Westminster, Whittington or St. Michaels! Get tired of one - change to a different tune! Comes in Shaded Walnut case - size is 19 3/4 X 9. Brushed silver dial black hands and numbers.

#101 TRIPLE PLAY 8 day keywind

Special Sale: $214.95!

Shaded Walnut finish case with white dial and black numbers - VERY EASY to see! Hands are also black. Brass trim. 16 X.9 X 5. Models available:

#94QTP/RY QUAD quartz (battery) 4 different chimes (Westminster, St Michaels, Whittington and Bim/Bam Strike) Quarter hour chimes.

Special Sale: $164.95!

#94/QDC DUAL CHIME Quartz (battery) Westminster and Whittington Chimes! 4/4

Special Sale: $119.95!

ALL ITEMS ARE USUALLY SHIPPED THE SAME DAY AS ORDER IS RECEIVED. SAFE DELIVERY IS GURANTEED! Order by DECEMBER 18th to insure delivery by Christmas.

NORELCO 100DB Cordless Razor!

NORELCO Battery Operated ROTARY HEAD Speedshaver!!! This new model #100DB is very similar to the older model 130DB; except has larger FLOATING heads for faster shaves, 15 cutters for closer shaves; and operates on 2 standard AA batteries (not included). NORELCO quality means TROUBLE FREE service for many years! Complete with TWO (2) YEAR WARRANTY, protective cap with mirror, on/off switch, cleaning brush, compact design! Travels anywhere for use anytime! Batteries are long lasting!

Sale Price: **$25.95!** 2 or more: **$23.95!!** each! (Add $1.00 per Set of 2 ALKALINE Batteries)

We accept Mastercard or Visa charge cards. We can ship C.O.D for additional $3.00 C.O.D. charge. Or send check or money order for prompt, POSTPAID shipment! There are NO EXTRA HIDDEN CHARGES! The price you see in these ads is the delivered total price!

NEW! Model #F600 BERLIN LOADMASTER WAGON!

#F600 BERLIN LOADMASTER WAGON! Our NEWEST and BIGGEST Berlin WAGON EVER! A LARGER size, this wagon is 40 x 20 x 9"! Built for even BIGGER loads. This wagon has the famous Berlin AUTO STEER no-tipping front end safety steering! An exclusive of Berlin!! Wheel assembly does not extend past the front end!! Balloon (pneumatic) tires are 410 /350 size for a smoother ride; metal wheels, ball bearings, grease fittings! Riveted stake pockets, Hardwood side racks and rails. Red and natural color. Weight is 60 lbs.

Our Introductry Price: **$144.95!**

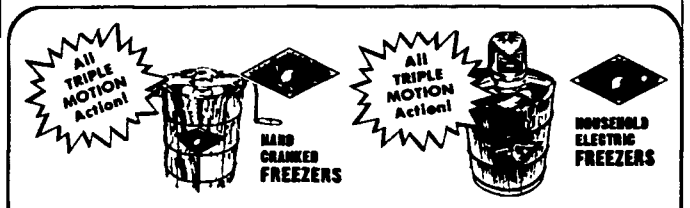
FREE GIFT CERTIFICATE/S DRAWING! On December 31st, 1991, we will hold our ANNUAL FALL DRAWING! This year we are giving away a total of $350.00 in GIFT CERTIFICATES!! First winner receives a $100.00 Gift Certificate; 10 runners up EACH receive a $25.00 Gift Certificate! These Gift Certificates are good for ANYTHING we sell or any of our service work! There is no obligation; no purchase is necessary. Void where prohibited. We do hope you will take advantage of the Specials above. Every Order is automatically entered in the DRAWING. If you wish to enter without purchase, simply fill in your name and address below and mail to us. THIS IS OUR WAY OF SAYING 'THANKS' FOR THE PAST 34 YEARS IN MAIL ORDER. May God Bless. *ALL SALE PRICES GOOD THROUGH DECEMBER 31st.*

CHRISTMAS ORDERS. We need your order by December 18th to assure delivery by December 24th (except Day-N-Nite NAMPLATES - take 2-3 weeks). We normally ship the same day we receive your order.

MODEL! #400 BERLIN EXPRESS WAGON!

With BALLOON TIRES, ball bearings, grease fittings, heavy guage metal steering, hardwood side racks and rails, riveted stake pockets, heavier floor, AUTO STEER no-tipping front end! Balloon (pneumatic) tires are 280/250 size for a smoother ride! Size: 37 x 17 x 9. Model #400.

Our Discount Price: **$109.95!**



WHITE MOUNTAIN ICE CREAM FREEZERS

#64306 6 qt Hand Crank Freezer	Special! $82.95!
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ALL WHITE MOUNTAIN FREEZERS COME WITH A STAINLESS STEEL CAN GUARANTEED 5 YEARS!

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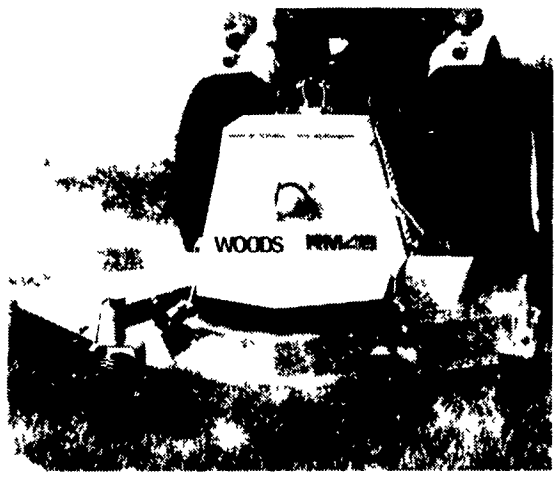
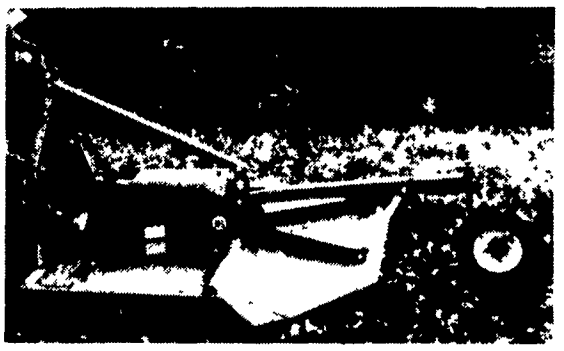


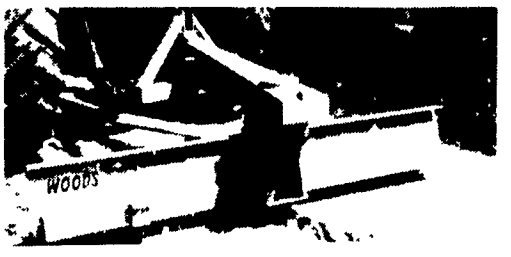
Ever since Woods introduced the world's first successful tractor powered rotary shredder back in 1947, we've never handed you the same old line.

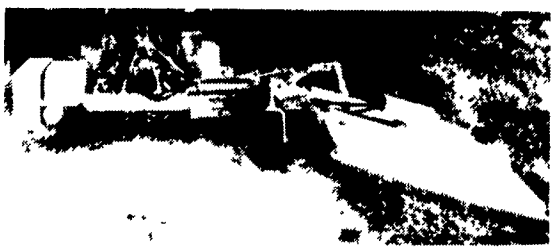
Instead we continue to innovate and improve our products to provide equipment packed with performance, reliability and more value.

The results: a line-up of over 50 powerful products including mowers, rotary cutters, rear scraper blades, backhoes and specialty machines. The best that money can buy.

Send for your free copy of our latest Full Line Catalog today, and take a stroll through the Woods. Discover how many ways our products can go to work for you.







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CROP MYCOSIS (THRUSH)
Donald L. Singletary
Department of
Veterinary Science

Crop mycosis might be considered the forgotten disease.

Why? Because many of the original reports on the disease are from the 1920s and the most "current" reports are from the 1960s.

This common health problem does not receive as much attention as it should from poultry producers and researchers. One author states that mycosis of the digestive tract probably occurs rather frequently, but in many cases does not appear to be of sufficient significance to be considered seriously.

Unfortunately, poultry diagnostic laboratories may not report crop mycosis as a primary disease problem, too often considering it to be a minor or secondary condition.

As its name indicates, crop mycosis is a fungal infection affecting primarily the crop and caused by the organism *Candida Albicans*. The mouth, esophagus, proventriculus, and the small intestine may also be affected. Young turkeys are particularly susceptible, but chickens, both broilers and layers, can experience the disease too.

Crop mycosis is commonly associated with unsanitary management conditions (dirty waterers and poor litter) and with other health problems in the flock. These conditions along with the use of high levels of broad spectrum antibiotics have been implicated in mycosis problems. The poor management conditions allow the fungus to proliferate while the antibiotics reduce the growth of competitive bacteria.

The reason crop mycosis may be overlooked and not easily recognized in a flock is that affected birds do not have any specific characteristic symptoms. In fact, the symptoms of crop mycosis are seen with many poultry health problems and, in general, may be of little help in making a diagnosis. Symptoms include ruffled feathers, unthrifty appearance, listlessness, and paleness. Severely infected birds may be stunted and undersized.

As one would expect, the primary lesion is found in the crop. Normally the crop is thin walled and transparent. When infected with *C. Albicans*, it becomes thickened and covered with white raised areas of mold growth. The diseased areas should not be confused with feed or mucus in the crop, which can be flushed out with water, whereas the mold growth adheres to the lining of the crop. When the mold growth is scraped off, a sore, irritated area is evident.

Although its effectiveness has been questioned, the most common and popular treatment for crop mycosis is the use of copper sulfate in the drinking water. A number of commercial products are available. However, medicating directions must be carefully followed to avoid toxicity problems. We have seen turkey poults killed because of overdosing with this drug. For feed treatment, the most effective drug is nystatin (mycostatin). A seven to ten day treatment at 100 gm per ton is recommended to control crop mycosis.

Crop mycosis is a disease which seems to get little respect. Although it can be a primary health problem, it can also be a warning of other health and management problems. Therefore, whenever it is a problem in a flock, a close examination of management practices and other flock health problems should be made.

Angus Association Elects President

ST. JOSEPH, Mo. — Andrew Starr, a registered Angus breeder from Sunbright, Tenn., is the new president of the 24,000-member American Angus Association with headquarters here.

Starr, who served six years as a member of the board of directors of the American Angus Association and a seventh last year as vice president, was elected by a unanimous vote of the 229 delegates attending the 108th annual meeting of the Association recently in Louisville, Ky. Elected vice president was Keith Stevenson from Hobson, Mont.

Also elected at the annual meeting were five men to serve on the American Angus Association's 15-member board of directors. Elected to their first term on the board were William Borror, Gerber, Calif.; John Hamilton, Belgrade, Mont.; and Dr. R. J. "Bob" Hillier, Garden City, Kan. Re-elected to their second three-year terms were Ralph Bridges, Lexington, Ga. and Glen Swanson, Durant, Iowa.

Andrew Starr, the new association president, operates Star Dust Farm and has been in the registered Angus business for more than 30 years. He attended the University of Tennessee and served in the U.S. Army before starting his legistered Angus herd.

In addition to serving seven years as director and then vice president of the American Angus Association, he is past president of the Tennessee Angus Association and East Tennessee Angus Association. Starr, his wife Kathy, and their family operate a 200-cow registered Angus herd. All of their children have been junior members of the American Angus Association.

Keith Stevenson, the new association vice president from Hobson, Mont., was born into an Angus family and has been raising Angus cattle since 1947. Stevenson is a graduate of Montana State University where he eamed degrees in agricultural production and agricultural education. He took over management of Stevenson Angus Ranch after the death of his father in 1975.

Stevenson has served six years on the board of directors of the American Angus Association. He has been actively involved in performance work, and he and his brother and their families market more than 600 bulls a year. He and his wife Roberta have four sons — Darrell, Mike, Bob, and Billy Jake.

Hereford Show Held

LOUISVILLE, Ky. — The American Hereford National Show was held at the North American International. Fifty-one exhibitors entered a total of 107 head of cattle at the event.

Premiums for the show were $10,000, with half provided by the American Hereford Association and half by the NAILE. Premiums were distributed among 8 female classes, 9 bull classes, 2 group classes, and the champions. Placings were determined by Judge Doug Bennet, from Texas.

The grand champion female honor was awarded to Adams Brothers & Co., Kilgore, Neb. They also won the reserve grand champion female title. Both females were from the senior heifer class and sired by Tex Prime Time 18837770.

The grand champion bull award was won by the Spring Yearling Bull from Adams Brothers & Co. and C & S Farms, Kilgore, Neb. The winning bull was sired by Tex Prime Time 18837770. The reserve grand champion bull honor was won by Hudson Herefords from Harrison, Ariz. Arrow CL Dom 8072 18987782 was the sire of the reserve bull.

State of the Art

Quadram cylinders in the new Perkins 1000 Series engine ensure efficient combustion with fuel savings, lower noise level and reduced engine stress.

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Manufacturer's estimated PTO horsepower

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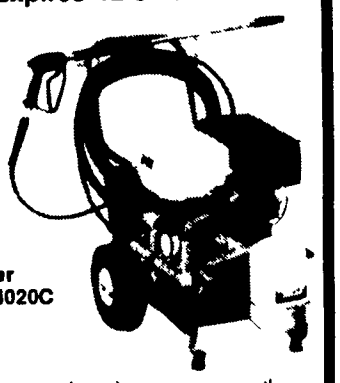
A 2000 PSI WASHER
For $1195.00
Offer Expires 12-31-91

SPECIAL Of The Month



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Penn State Livestock Team Completes Outstanding Season

UNIVERSITY PARK (Centre Co.) — With six interested and highly dedicated undergraduate students, only one of whom had participated in a formal livestock judging program previously, the Penn State Livestock Judging Team eagerly set out to re-establish prominence of the judging program.

Team members included Mark Lewis, an ag science major from Pleasant Mount, Wayne County; Annette Lovell, a dairy and animal science major from Linden, Lycoming County; Donna MacCauley, a two-year ag business management major from Atglen, Chester County; Kelley Shearer, a dairy and animal science major from Lancaster; Donnie Sheiss, a dairy and animal science major from Chambersburg, Franklin County; and John Weston, an ag business management major from Waterford, Erie County. The team was coached by Keith Bryan, instructor of dairy and animal science.

Penn State Second At Eastern States

The livestock judging season began on Saturday, September 14, at the Eastern States Exposition in West Springfield, Mass. Following only three weeks of practice during fall semester and a precontest workout that included stops at Rally Farms (Angus cattle) and Northview Farm (Suffolk sheep) in Millbrook, N.Y., as well as Gallaghers Farm (Angus cattle and Hampshire sheep) in Ghent, N.Y., the team was prepared for their initial competition.

As a team, Penn State garnered second in sheep, swine and oral reasons, then outscored Virginia Tech in beef cattle judging to win that division and finish second overall.

In the individual species categories, Penn State team members were quite successful and finished with several noteworthy placings. Donnie Sheiss had a truly outstanding day. After placing 10 out of 12 classes correctly and only dropping 6 points on placings, Donnie handily won three out of four categories, including sheep (293 out of 300 points), swine (290 out of 300 points) and oral reasons (281 out of 300 points). In beef cattle, Donnie finished second with a score of 292.

Mark Lewis finished fourth in swine and beef cattle and eighth in oral reasons, while Annette Lovell placed ninth in swine and eighth in sheep and beef cattle. Donna MacCauley placed seventh in beef cattle and ninth in oral reasons, while Kelley Shearer garnered sixth in swine and fourth in oral reasons. John Weston finished ninth in beef cattle.

As individuals overall in the contest, Donnie Sheiss won by 23 points over the next closest competitor, scoring 875 points out of 900 possible. Mark Lewis and Annette Lovell finished sixth and eighth, respectively, while Donna MacCauley, Kelley Shearer, and John Weston finished 10th, 11th and 13th overall.

Penn State Wins Eastern National

The second contest of the season took place on Saturday, September 28, at the Eastern National Livestock Show in Timonium, Md. After finishing second to Virginia Tech at Eastern States, the team believed they had something to prove. Following a precontest workout at the farm of Frank and Julie Feeser (Hampshire and Yorkshire swine) in Taneytown, Md., the team was ready for competition.

In beef cattle, sheep, and oral reasons, the Penn State team outscored Virginia Tech and the University of Kentucky to win each of these divisions and went on to finish first overall in the contest. The only blemish of the day for the Penn State team was their third place finish in swine, which they would eventually avenge at the Keystone International.

In the individual categories, Penn State team members enjoyed another successful day. In beef cattle judging, Donnie Sheiss finished second and Kelley Shearer placed third. Meanwhile, Donna MacCauley and John Weston placed sixth and seventh, respectively. In swine judging, Donnie Sheiss was high individual after accumulating 344 out of 350 points, and Kelley Shearer was 10th. The sheep judging division was grouped a little more tightly as Penn State placed four team members in the top 10 individual spots. Donna MacCauley, Kelley Shearer, Donnie Sheiss and John Weston finished third, fourth, fifth, and eighth, respectively. In oral reasons, Donnie Sheiss was again high individual with 368 out of 400 points, Kelley Shearer garnered second with 357 points, and John Weston finished eighth.

In the overall contest, Donnie Sheiss won by 38 points over the next closest competitor scoring 925 points out of 1,000 points possible. Kelley Shearer and Donna MacCauley finished third and fifth, respectively, while John Weston, placed 10th. Mark Lewis and Annette Lovell also contributed to the team's success with consistently logical placings and strong oral reason presentations.

Penn State Wins at Home

On Saturday, October 5, the Penn State Livestock Judging Team maintained the momentum acquired after winning the Eastern National contest, and continued their very successful season by capturing top honors at the Keystone International Collegiate Livestock Judging Contest in Harrisburg. This was the first time in nine years that a team from Penn State had won at the Keystone.

In somewhat of a reversal from

(Turn to Page C5)

The 1991 Penn State Livestock Judging Team. Seated, left to right, Kelley Shearer, Annette Lovell, Donna MacCauley. Standing, left to right, Mark Lewis, Donnie Sheiss, John Weston and Keith Bryan (coach).

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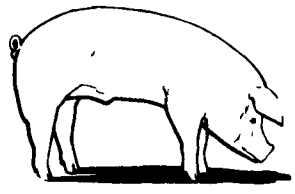

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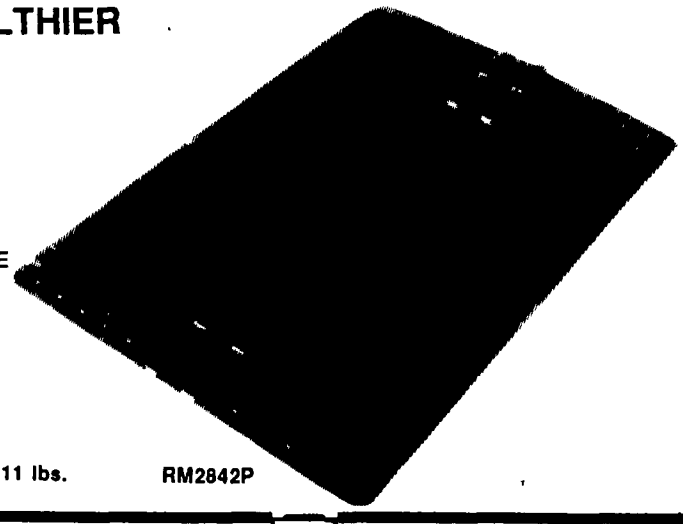

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12-7

Penn State Livestock Team

(Continued from Page C4)

one week earlier at the Eastern National where the team was first in beef cattle, sheep and oral reasons and third in swine, at the Keystone, Penn State finished fourth in beef cattle, third in sheep and oral reasons, and was finally high team in swine judging.

Once again in the individual species categories, Penn State team members were consistent and garnered several noteworthy individual achievements. In beef cattle judging, Donnie Sheiss finished third and Kelley Shearer placed ninth. In sheep judging, Annette finished as third high individual after accumulating 245 out of 250 points and Mark Lewis placed 10th. Donnie Sheiss and Donna MacCauley finished 14th and 16th in sheep, respectively. Donnie Sheiss was high individual in the contest in swine, and Kelley Shearer and Mark Lewis finished eighth and 10th, respectively. In oral reasons, Donnie Sheiss was again high individual with 370 out of 400 points, and Kelley Shearer garnered seventh with 346 out of 400 points.

As individuals in the entire contest, Donnie Sheiss won the contest by scoring 933 points out of 1,000 possible. This was the third consecutive contest where Donnie had been high individual overall, high individual in oral reasons, as well as high individual in swine judging. Furthermore, he finished in the top three individuals in beef cattle judging in all three contests. Additionally, this was the third consecutive contest in which Kelley Shearer had finished in the top 10 in oral reasons. Furthermore, Annette Lovell and Kelley Shearer finished ninth and 10th, respectively.

American Royal Difficult For Penn State

A total of 25 teams and 125 contestants competed at the American Royal Livestock Judging Contest held November 9, in Kansas City, Missouri. Following five weeks of practice without competing in a contest, and precontest workouts at Glenkirk Farms (Hereford and Polled Hereford cattle) in Maysville, Mo., and at Burke and Farao Farms (Suffolk and Hampshire sheep) in Platte City, Mo. The team was anxious to compete against the finest from the Midwest.

The team finished 15th in sheep, 17th in swine, 16th in beef cattle and 18th overall. One of the brighter highlights of the trip was that Annette Lovell represented Pennsylvania in the National Suffolk Queen Contest and did an outstanding job by finishing as first runner-up making her the National Suffolk Princess.

North American Challenging For Penn State

After returning from the American Royal, the Penn State team had just enough time to regroup, wash laundry, and get caught up on class work before departing for the National Contest in Louisville, Ky. Precontest practices included judging Simmental cattle at Harvest Plantation Farm in Franklin, Pa., and Angus cattle at McKean Brothers in Mercer, Pa. Once in Ohio, the team practiced judging beef cattle, sheep and swine at the Ohio State University and swine judging at Shipley's Durocs and Large Whites in Newark, Ohio. The final practice sessions of the season included judging beef cattle, sheep and swine at the University of Kentucky.

Thirty-seven teams and 183 contestants from across the country competed in the National Contest on November 18 held in conjunction with the North American International Livestock Exposition. The team performed admirably and finished 15th in sheep, 16th in beef cattle and 17th in swine, while finishing 19th overall. Donnie Sheiss and Kelley Shearer led the team with scores above 900 out of 1,000 possible points. Kelley tied for 10th high individual honors in swine judging. Donnie finished 11th in sheep judging, ninth in beef cattle judging and fourth in the overall contest.

Junior Steer Show More Than Business

LOUISVILLE, Ky. — From South Dakota to Louisiana, New Mexico to Tennesse, juniors from 14 states exhibited their steers at the North American International Junior Steer Show.

Two Indiana competitors came away with top honors. Brett Gibson of Clarks Hill owned grand champion junior steer, and Lori Barker of Kendallville exhibited reserve grand champion junior steer.

But traveling to premier junior steer shows is more than just a business expense for exhibitors. It's a family vacation in a learning environment.

"You have a lot of family activity and vacation time, not just another cattle show," said judge Dick Jurgens of Peoria, Ill. "The family shares a measure of accomplishment from the home, because the fruits of production come to an end here."

"My family has been showing steers for a long time, and I'm carrying on that tradition," said 17-year-old exhibitor Tammy Emehiser from Adel, Iowa. "I wouldn't be here without help from my family."

Each individual experiences competition, develops winning spirit, and builds self-confidence. Competitors also have opportunities to see how others do things.

"I like competing at the shows," Emehiser said. "You meet new people and see different places."

But steer shows and cattle shows in general aren't all fun and games for juniors aged 6 to 21 rears old. Eshibitors take the responibility of caring for their own animal projects.

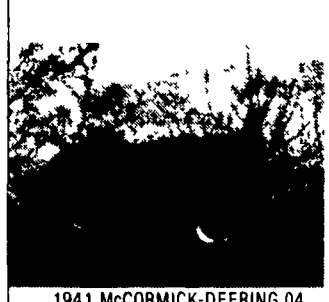
"You learn a lot taking care of steers," Emehiser said. "They come first, and you have to learn how to manage your time around them."

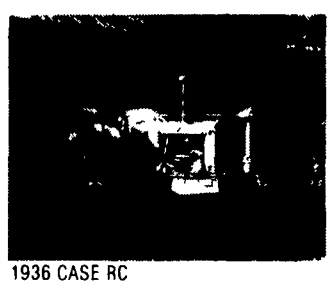
The Sneed family of Ewing, Ill., has continuously exhibited junior steers for the past 30 years. They return to the North American because it rewards exhibitors and the beef industry.

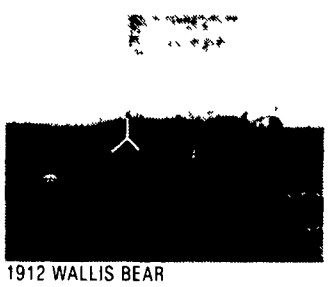
"My children learn how to work hard and get rewarded for it here at the show," said Dennis Sneed. "It teaches responsibility and that a person needs to work in order to achieve success."

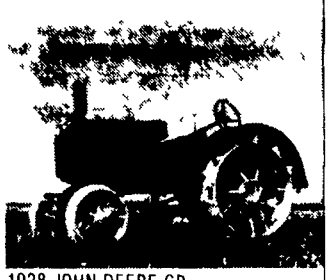
"This show is a combination of sport enjoyment, just like basketball or baseball, and benefits the beef industry at the same time," Sneed said.

1992 CLASSIC TRACTOR CALENDAR


1941 McCORMICK-DEERING 04


1936 CASE RC


1912 WALLIS BEAR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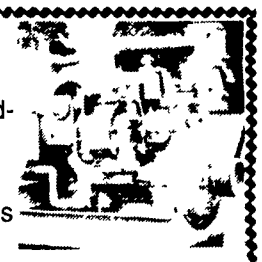

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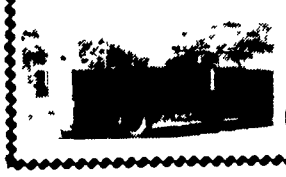

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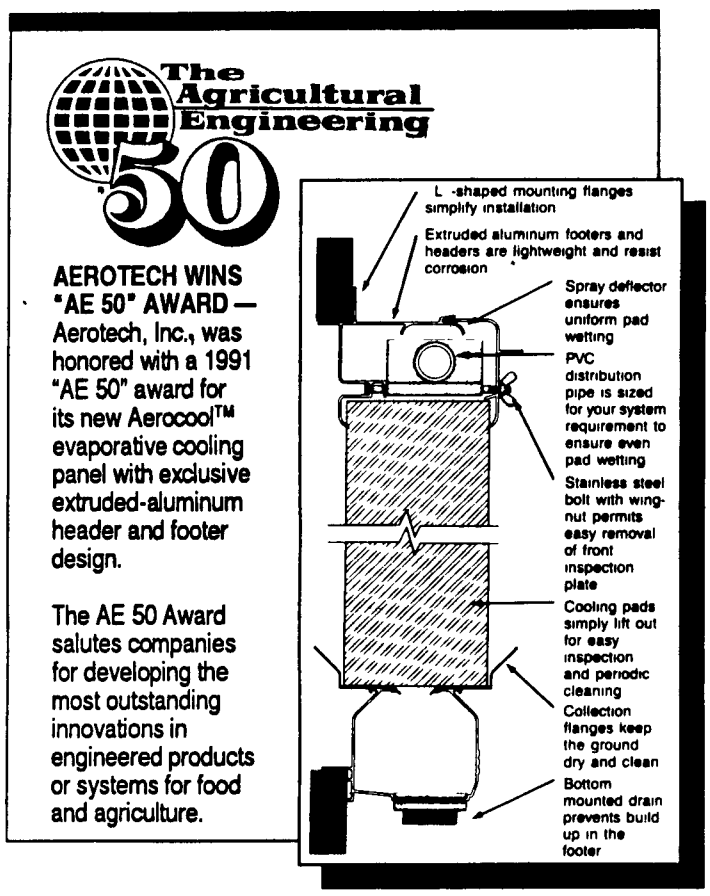

The Agricultural Engineering 50
AEROTECH WINS "AE 50" AWARD — Aerotech, Inc., was honored with a 1991 "AE 50" award for its new Aerocool™ evaporative cooling panel with exclusive extruded-aluminum header and footer design.
The AE 50 Award salutes companies for developing the most outstanding innovations in engineered products or systems for food and agriculture.
L -shaped mounting flanges simplify installation
Extruded aluminum footers and headers are lightweight and resist corrosion
Spray deflector ensures uniform pad wetting
PVC distribution pipe is sized for your system requirement to ensure even pad wetting
Stainless steel bolt with wing-nut permits easy removal of front inspection plate
Cooling pads simply lift out for easy inspection and periodic cleaning
Collection flanges keep the ground dry and clean
Bottom mounted drain prevents build up in the footer

Aerotech Panel Wins AE 50 Honor

LANSING, Mich. — Aerotech, Inc. captured a 1991 "AE 50" Award from "Agricultural Engineering" magazine for Aerotech's Aerocool™ evaporative cooling panel with exclusive, extruded-aluminum header and footer design which makes them sturdier, easier to service, and easier to install.

The AE 50 Award salutes companies for developing the year's most outstanding innovations in engineered products or systems for food and agriculture. A panel of national engineering experts selected this year's winners from numerous nominations submitted by companies from many different industries.

The judges selected "developments of companies that embodied the application of new technology or the innovative application of older technology" and were considered likely to make "worthwhile contributions to the advancement of engineering technology for food and agriculture."

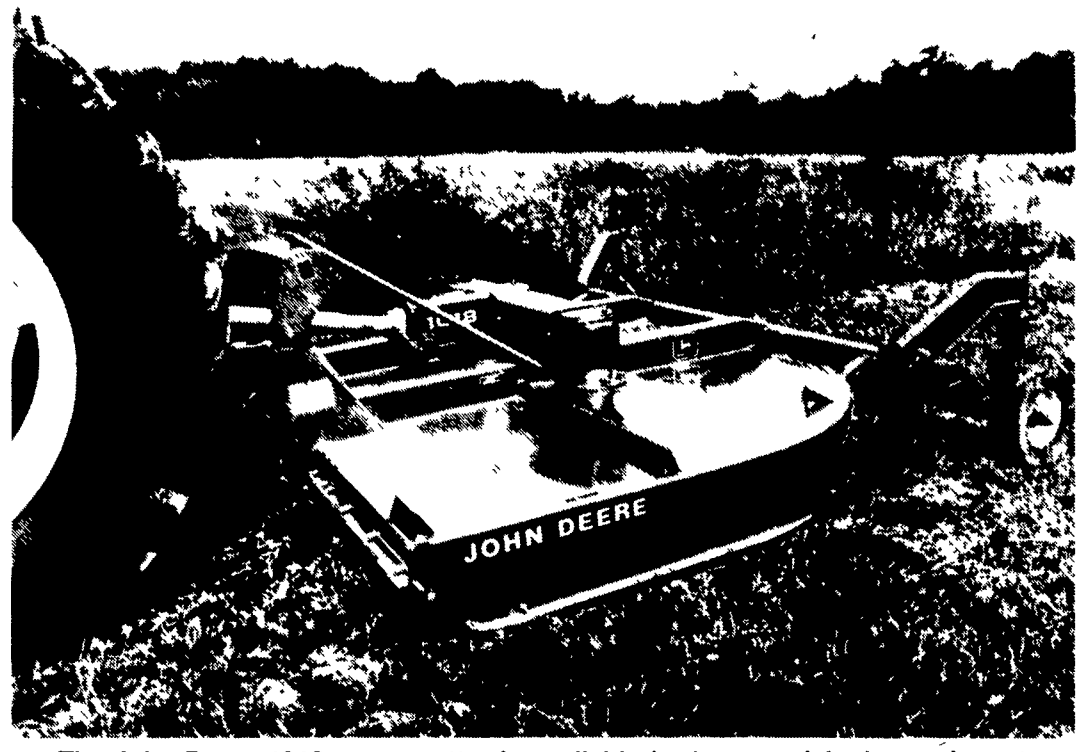
The extruded footers and headers on the Aerocool cooling panels are stronger, lighter, and more rigid than previous stamped steel units. And, unlike cooling panels made of stainless steel, they will not corrode.

Aerocool's six-inch thick cellulose panels, mounted entirely on the outside wall, allow for evaporative cooling with no loss of existing space, while "L"-shaped mounting flanges simplify installation.

The PVC water distribution pipe is sized for the particular system to ensure even pad wetting. Using the natural cooling effect of evaporation, Aerocool pads can reduce inlet air temperatures by 10-20° F on most days, and even more under ideal conditions.

Aerocool panels are equipped with stainless steel bolts and wing nuts that led the operator remove the face panel on the header for inspection and easy, periodic cleaning.

Aerotech markets a full-line of environmental control products including fans, evaporative cooling systems, heaters and controls. For more information, contact Aerotech, Inc., 929 Terminal Road, Lansing, MI 48906, (800) 227-AERO or (517) 323-2930.



The John Deere 1018 rotary cutter is available in three models, integral, center pull-type, and offset pull-type, to meet a range of mowing requirements. It has a cutting width of 10 ft. 3 in.

Deere Announces 15-, 10-Foot Cutters

MOLINE, Ill. — John Deere has announced its new 15-ft. 1518 flex-wing and 10-ft. 1018 wide-body heavy duty rotary cutters. These models replace the 1508 and 1008 in the line.

The 15-ft. cutting width and 112 degrees of wing flexibility (90 degrees up and 22 degrees down) make the 1518 a logical choice for productive cutting in a broad range of situations. The 1018 is available in an integral, center pull-type, and 30-in. offset pull-type configuration for meeting a variety of application requirements with a convenient, productive 10-ft. cutting width.

Both models have a Unibody™ deck design with continuous welds and box-beam construction. This provides greater strength than spot weld designs and an easy-to-clean surface which minimizes trash buildup that can contribute to premature deck rusting.

Heavy duty gearcases use oversized bearings and a 2-1/8-in. diameter output shaft for the durability and strength to handle tough cutting jobs. The gearcases are rated at 120 hp at 1,000 rpm and 100 hp at 540 rpm for blade tip speeds up to 178 mph depending on model and rpm. The offset 1018 is available only with a 540 rpm pto.

The choice of a Cat. 5 constant-velocity (CV) or shielded driveline is available for powering the transfer case of the 1518. A Cat. 4 CV driveline is used on the 1018 pull-type configurations. The CV driveline transmits power smoothly and quietly in turns up to 80 degrees for increased maneuverability with the pto engaged. A Cat. 4 shielded driveline is used on the integral 1018 and to power the gearcases on the wings of the 1518.

The drivelines are protected by factory-preset clutches that are self adjusting for convenience and reduced maintenance time.

The standard axle for the 1518 is available with either four or six wheels. An optional heavy duty axle with six wheels, independent spring suspension, and larger box construction is available for high usage in rough conditions. On the 1018, the wheel supports clamp to the rear axle and permit the operator to position the wheels to match the application.

Three blade choices are available on both models for efficient performance in downed material, stalk and brush cutting, or shredding.

A shielded blade-access hole makes it easier to service the blades on the 1018 and the center-section blade on the 1518. Wing blades are serviced with the wings in the raised position. A lock secures each wing for service and transport. Both cutters feature a mechanical transport lock.

Rubber front and solid rear safety shields are standard equipment. Chain shielding is available for added protection.

The 1518 will be available in January; the 1018 is currently available.

Versatility, Endurance, Price Make Tractor

MOLINE, Ill. — The 17-hp John Deere GT262 can be teamed with a 48-inch mid-mounted rotary mower, 42-inch front blade, 30-inch rotary tiller, 15-gallon sprayer, 38-inch snow thrower, and many integral-hitch-mounted attachments for lawn-and-garden versatility — at a price well within the range of a premium lawn tractor.

"Our GT262 tractor is designed for the price-conscious homeowner who wants versatility and endurance, but is willing to compromise a little on creature comforts, bells and whistles," said Jim Behrens, senior marketing coordinator for John Deere. "We achieved a lower price point by using cost-effective, high volume components from our lawn tractor series along with larger, heavy-duty components from our lawn and garden tractors."

The basic features include a John Deere "K" Series overhead valve engine with full pressure lubrication and replaceable oil filter, heavy-duty 6-speed in-line-shift transaxle with internal wet disk brakes, high-back seat, 2.5-U.S.-gallon fuel tank, mechanical equipment lift system, 23-inch rear and 16-inch front wheels and tires, and tight 20-inch turning radius.

GT262 tractor does gardening and lawn care jobs at a lawn tractor price, according to the John Deere engineers who combined cost-effective lawn tractor components with heavy-duty parts from lawn and garden tractors to hold the line on price. Basic features include a John Deere "K" Series overhead valve engine with full pressure lubrication and replaceable oil filter, 6-speed in-line-shift transaxle with internal wet disk brakes, high-back seat, 2.5-U.S.-gallon fuel tank, mechanical equipment lift, 23-inch rear and 16-inch front wheels and tires, and tight 20-inch turning radius.

Greenland Appoints Vicon Distributor

CARLISLE (Cumberland Co.) — Greenland International has appointed Cummings & Bricker, Inc. in Batavia, N.Y. and Carlisle, Pa. as their distributor for Vicon Farm Machinery.

Cummings & Bricker will service Vicon dealers in Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, Vermont, New York, Pennsylvania, New Jersey, Delaware, Maryland, Virginia, and West Virginia.

Other Greenland products sold by Cummings & Bricker include Deutz-Fahr hay tools and P. Zweegers hay tools.

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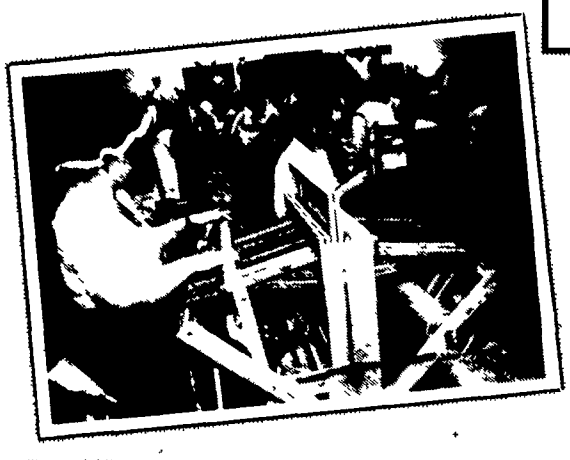

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December 7, 1991 Vol. 6, No.2

A NEWSLETTER FOR THE MEMBERS OF THE PENNSYLVANIA DAIRY HERD IMPROVEMENT ASSOCIATION

Lancaster Farming Pages C8-C11

Genetic Improvement Of Pennsylvania Dairy Cattle

Dr. Larry W. Specht
Professor of Dairy Science
Penn State University

How much genetics progress is being made by the Pennsylvania dairy cow population? An answer to that question can be obtained from the summary data available at the end of the DHIA test year.

How can we measure genetic progress? First of all, we can only measure the progress made by the cows that are on a production testing program. That is now roughly 50 percent of the 660,000 dairy cows in the state. We can assume that the non-tested cows are making some progress but we don't know how much. We do know that the PaDHIA milk average jumped by 810 pounds over last year. That is a big gain when the average increase per year since 1960 has been about 220 pounds. I would guess that the increase for all cows in the state will be about 400 pounds above last years figure of 14543 pounds of milk.

We need to remember that the gain in production is due to both better management and better genetics. In this article we will examine the rate of genetic gain. One of the easiest ways to measure genetic improvement is to calculate the average Predicted Transmitting Abilities (PTA's) for the sires of the cows in the tested herds. The average PTA values of the sires of the cows can be summarized for each herd, each county and on a statewide basis.

We have calculated such figures since 1976. Changes in sire evaluation procedures and in estimating the genetic base caused some problems but for the interval from 1976 to 1991 we can look at three time periods. The average yearly change in the Predicted Difference (PD) values of the sires from 1976 through 1983 for cows on DHI test was 53 pounds of milk per year. Remember, PD values were used to express sire merit from 1974 until 1989 when they were replaced by PTA values.

In 1984, a new genetic base was established that set the average sire to a PD of zero. The average gain per year from 1984 until 1989 was 78 pounds. In 1989, the Animal Improvement Programs Lab (AIPL) of USDA switched to the Animal Model procedure for cow and sire evaluation. Another genetic base change occurred and for the period from 1989 to 1991 the average gain per year in sire PTA values was 150 pounds. It looks as if genetic progress is increasing at an accelerating rate over time.

Why has this happened? What has caused it? First of all, older cows with lower sire PTA values leave the herds and are replaced with younger cows whose sires have higher PTA values. Secondly, sires with the higher PTA values are being used more frequently by dairymen who are aware that such bulls sire a higher percentage of better milking daughters than do bulls with average or below average PTA values. Thirdly, AI units run more effective progeny test programs now than in the past. This provides the chance to increase selection pressure and put only the very best bulls back in regular service. Your odds of finding a truly superior sire are much better if you test ten bulls than if you test only five. That example illustrates what has happened in the past 15 years. If better bulls are available for dairymen to use, then better replacement heifers will be produced.

Pennsylvania dairy cattle have made much genetic progress thanks to strong progeny testing programs, good identification of the cows within herds and a good production record collection system - better known to all as DHIA.

Welcome New Members

Lowell C Kurtz, Harvey J. Kenely, Donald Hostetter, David Brubecker, Leonard M Nolt, David S Fisher Jr, Willis R. Hoover, Peter Z Nolt, Amos H Leinbach, Jacob S King, Flowing Spring Farm, John G Stoltzfus, Stanely & Sharon Horning, David G Kromer, Kevin Drake, Stains Dairy Farm, Ray & Kevin Grubb, Samuel N Martin, Jody & Candice Devine, Maple Grove Dairy, John G McGuire, Gloria Black, Ed Stoltzfoos, Jonas E. Beiler, Levi S King, Jr., Aaron M Zimmerman, Cletus Emeigh, Paul Z Weaver, Dave Noble, Edward Ginger Pflugh, Larry Beach, Danny & Ann Kemp, John Feusner, Mervin Gerber, Delmar & Susan Weaver, Robert + Marlys Grace, Thomas A Spicher, Michael W Beaver, Aaron K Beiler, Steven K Esh, Henry S Stoltzfus Jr, John S Fisher, John I Stoltzfus, Paula Dell Holsteins, Donald White, Richard + Louise Reed, Ver Ann Farm, Dale Melissa Andrus, Tonia Williams, Kenard Henley, John King, Terraced Acres Farm, Bruce + Brenda Hemsarth, Lloyd & Brenda Harvison, Paul + Nadean Cashell, Jason Krause, Dennis L Weaver, Donald + Ardell Bausher, Noah L Zook, Eric Stevens, Benjamin K Lapp, Debra Zaktansky, Ivan Weaver, Joe Caola, Allen H Hoover, How-

(Turn to Page C11)

Young Cooperative Leaders

Each summer the Pennsylvania Association of Farmer Cooperatives conducts a training program for young cooperative leaders. This year PA DHIA selected as our "Young Cooperative Leader Couple", Mr. & Mrs. Ron Ruffaner, Armstrong County, Worthington, Pennsylvania.

The PCC Young Cooperative Leaders conference program was held at Days Inn Penn State, State College, on July 8-10, 1991. The objective is to increase young cooperative leader understanding of cooperative issues and affairs. Also to develop leadership attitudes and skills of young cooperative members. To recognize and effectively use both spouses in farm, cooperative, and community affairs. Exchanging ideas and experiences in a social and educational environment is part of the forum that's provided.

Ron and Beth Ruffaner.

The Ruffaners, Beth and Ron, have always had their herd on a DHIA testing program. Ron grew up on the farm and has gradually taken over a 30 milking cow operation. Ron and Beth have 3 children and stay very active with a variety of Agricultural groups in the Armstrong County area. Ron has served as President of the Regional Young Farmers Association, Secretary of PA DHIA local association, and also serves on the board of Farmers Home Administration in his district. Ron and Beth indicated they really appreciated the opportunity to spend time with other young couples from other cooperatives in Pennsylvania this past summer.

Western Style Banquet

This is the first time ever that our corporate annual meeting will be held outside of State College. The plans are to have you enjoy two days at the Hershey Lodge & Convention Center, in Hershey on March 6 and 7, 1992.

We hope it will be exciting, enjoyable, and educational. Our expositions will intrigue and interest you. We'll communicate hope and excitement on the associations future, the benefits of being a centralized association and what that means to you as a member.

Our banquet will be a Texas style Bar-B-Que and end with other western entertainment. So don't miss out on the fun and excitement. More information should be arriving in your mail. Please plan on attending the Pennsylvania Dairy Herd Improvement Association Western Style Round-Up in March.

Board Action Summary

The Pennsylvania DHIA Board met in July and October 1991 and took the following actions of interest to members and others in the dairy industry:

1. A decision was made to support an independent study, in cooperation with Northeast DHIA, Wisconsin DHIC and National DHIA, of the value of DHIA records to the rest of the industry.

In related but separate action, a resolution was adopted at the October meeting to temporarily suspend the target date of Jan. 1, 1992 to begin charging other organizations for DHIA records pending the outcome of the Value of Records Committee's deliberations.

2. An operating budget for fiscal year 1992 was approved with a margin of -$196,000. Overall member service rates will remain the same in fiscal '92 as they were in fiscal '91. These decisions were made because of the problems members are experiencing due to low milk prices.

3. A new policy regarding credit and payment terms was approved establishing the policy of payment due at the time service is provided for direct members. Payments made after 30 days will be charged 1.5 percent penalty and members behind payment to two tests will not be provided service until their accounts are made current.

4. A policy was adopted to accept no liability for improper or irresponsible use of DHIA records by non-NCDHIP organizations or individuals.

5. The decision was made to collect and report calving ease information for AI organizations at a cost to those organizations of $.04 per record.

6. The policy regarding actions to be taken when an AM-PM timer is inoperable on test day was modified. The change provides an opportunity for members to repair their timers before having to switch to a non-timer program.

7. Board meeting dates for 1992 were set as follows: January 8-9, April 1-2, July 1-2 and October 7-8.

8. A new service known as optional printed reports was released for use by members at a price of $.75 per page for members in merged counties. The rate in non-merged counties is the same plus a $1.00 base fee per run to cover billing costs.

9. Sending reports back to members by FAX was released for use at a rate of $1.50 per page for members in merged counties, and $3.00 for members in non-merged counties plus a $5.00 minimum to cover extra billing expenses.

10. The policy regarding flagging records where changes in an animal's permanent identification have occurred after the second test was modified. The change excludes employee errors from the definition of changes and when that occurs the record will not need to be flagged. Also, members may appeal the flagging of an individual record to PA DHIA management.

11. A new policy was adopted indicating conditions on a member's farm under which a technician or supervisor may refuse to provide service. Such conditions involve unsafe or unsanitary situations and the employee is required to report a refusal to provide service under this policy to the region manager for resolution of the problem.

12. A modification to the Herd Management Awards program was made in the average days to peak milk category. The ranges were increased by about 18 days to reflect a more realistic set of ranges.

13. A motion was made and adopted that as of October 1, 1992, PA DHIA will provide services to direct members only. Individual dairymen in unmerged counties may apply for direct membership and DHIA supervisors employed by unmerged counties may apply to become direct employees of Pennsylvania DHIA.

Operations Comparisons

	1987	1988	1989	1990	Thru Oct. 1991	Change
Herds Enrolled	6,062	5,947	5,989	6,102	6,034	-6
Prime Herds	12	22	111	206	267	61
% AM-PM Herds	27	29	42	46	47	
ARIS Users	0	65	129	167	202	35
% Herds on SCC	69	74	82	83	84	1
Heifer Option Herds	0	0	0	0	196	196
% Untestable Samples	0.55	0.45	0.11	0.12	0.08	-0.04
Turnaround (Days)	4.9	4 1	4.3	3.5	3.7	O.2

Enrollment decreased over the summer months by more than 100 herds and 11,000 cows. This trend reversed in September as milk prices began to go up. Cow enrollment climbed by 4,400 cows in September and October, or 1.3%.

The percentage of herds on all types of AM-PM programs reached an all-time high of 47.3% in October. The fastest growing programs on a percentage basis are AM-PM, Prime and DHIR.

Supervisors Receive State Awards For Service

LINDECAMP HAS 40 YEARS OF SERVICE

Harold Lindecamp, a PA DHIA Supervisor in Lancaster County has reached a milestone in his career. At the 1991 PA DHIA Supervisor Conference Harold was recognized for forty years of service.

Others receiving recognition for more than twenty years of service were: Owen Etter, Lancaster Co., 35 years; Wilbur Houser, Lancaster Co., 35 years; Kay Showers, Lycoming Co., 30 years.

THE SUPERIOR SUPERVISOR AWARD

The purpose of the Superior Supervisor Award is to honor those supervisors who deliver exceptional service to Pennsylvania's dairy farmers, promote good public relations, and provide up-to-date records for all of their members. The individual receiving this award must be full time, and have a minimum of 20 years of service. He or she must have previously received the distinguished service award, and have qualified for the award of merit for the current year. The award consists of a plaque and check for $100.00.

Gerald Pratt of Granville Summit, PA was presented this award at the 67th Annual PA DHIA Supervisors Conference at Altoona. Gerald has been a supervisor in Bradford County for over 29 years.

Gerald has a circuit of 54 dairies for which he is responsible. Along with the help of a part-time certified Supervisor, Lyle Packard, and his youngest son, Mark, also a part-time certified Supervisor, they test this area each month. His wife, Marjorie, serves as record keeper.

Gerald tested approximately 40,000 cows in 1990 and maintained a perfect test interval (30.4) and achieved an accuracy rate of 99.8%.

Gerald thoroughly enjoys working with the farmers in the area and has at times check-tested and filled in for other supervisors in other areas.

He currently has 15 of the original farmers or their sons still on test in the Canton area that he started with.

His oldest son, Mike, was also a Supervisor and helped test in this area and Tioga County until going to work for Agway in 1987.

Gerald served as President of Pennsylvania DHIA Supervisor's Assn. three times and is currently serving on the Retirement Committee.

The Pratt family is also active in the Windfall United Methodist Church and Sunday School, Gideons International and the Windfall Grange. He also serves as Director for Grange Mutual Fire Insurance Co.

The Pratts say they greatly appreciate the co-operation and dedication shown to them by the farmers and the directors of DHIA in this area.

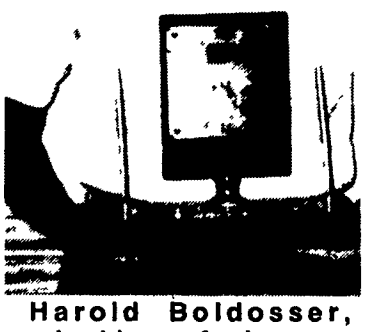
1990 ROOKIE OF THE YEAR

The Rookie of the year award was established to honor new supervisors who have shown exceptional aptitude in learning the job of the DHIA Supervisor. These individuals must have worked between 6 and 18 months and demonstrate outstanding cooperation with the state and local DHIA organizations in conducting an efficient and accurate testing program.

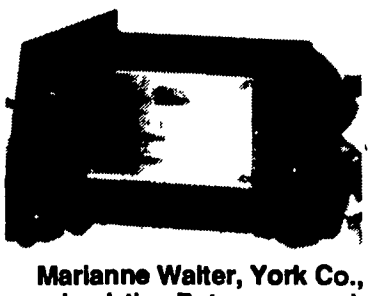
(Turn to Page C10)

Scene at the awards ceremony. Diane McIlwain, presents superior supervisor award to Gerald Pratt, Bradford Co. at the 1991 DHIA Conference.

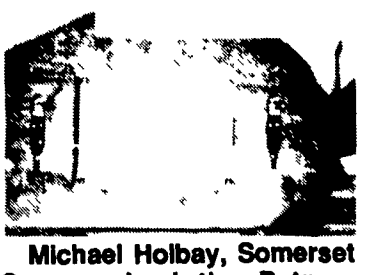
JoAnn Moser, Berks Co., received the Hollinger award, the distinguished service award and a certificate for 10 years of service.



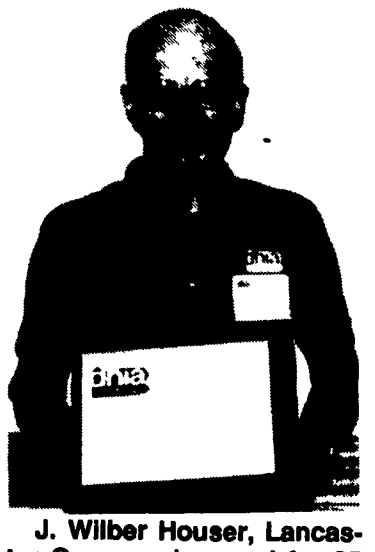
Harold Boldosser, received honor for long service at retirement.



Marianne Walter, York Co., received the Putnam award.

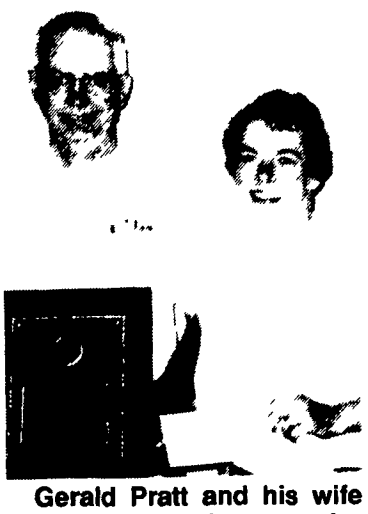


Michael Holbay, Somerset Co., received the Putnam award.

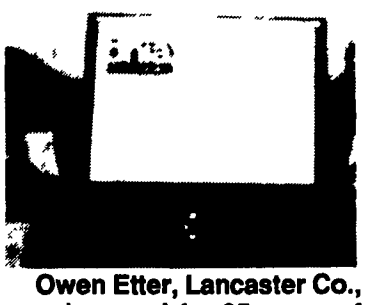


J. Wilber Houser, Lancaster Co., was honored for 35 years of service.

Darren Little, Centre Co., was co-rookie of the year.

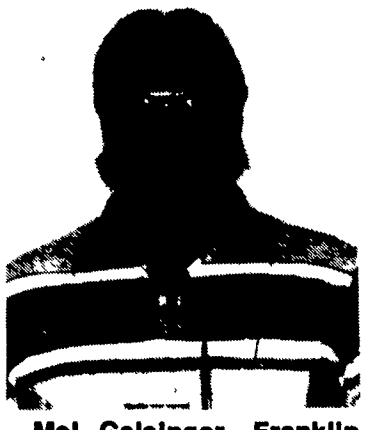


Gerald Pratt and his wife Marjorie won the superior supervisor award at the 1991 state conference.

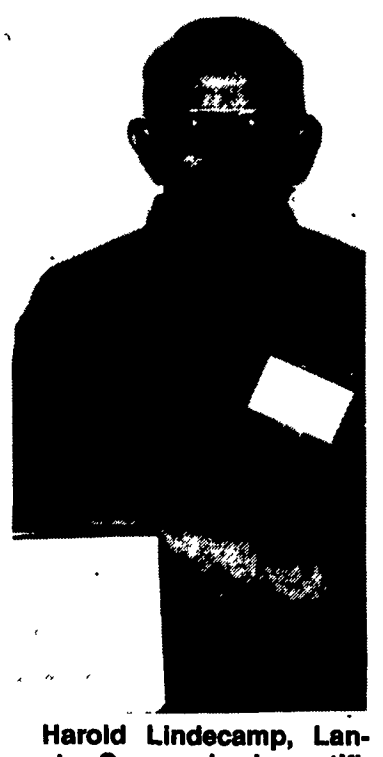


Owen Etter, Lancaster Co., was honored for 35 years of service.

Kay Showers, Lycoming Co., was honored for 30 years of service.



Mel Geisinger, Franklin Co., was co-rookie of the year.



Harold Lindecamp, Lancaster Co., received a certificate for 40 years of service.

Anne Brooks, Centre Co., receives distinguished service award from Larry Hay, regional manager.

Core Parameters Tables

Throughout 1987 and 1988, ten subcommittees of extension specialists representing various regions in the United States prepared fact sheets which described the fundamental core parameters deemed necessary for the elementary use of DHIA records in the following areas: Production Change Analysis, Nutrition, Reproduction, Health, SCC and Mastitis, Genetics, Business Management, Marketing, Youngstock, Culling.

The goal of these committees was to identify the herd and individual cow parameters that were readily identifiable and easily measurable, as well as directly usable by producers and important for proper herd management.

The result of the committees' efforts was a set of standardized herd and cow management parameters that represent all of the important measures needed to manage a herd and dairy farm for the greatest profitability.

Because the goals of these extension subcommittees reflect the vision of DHIA, the Pennsylvania Dairy Herd Improvement Association has incorporated term data processing development and educational efforts.

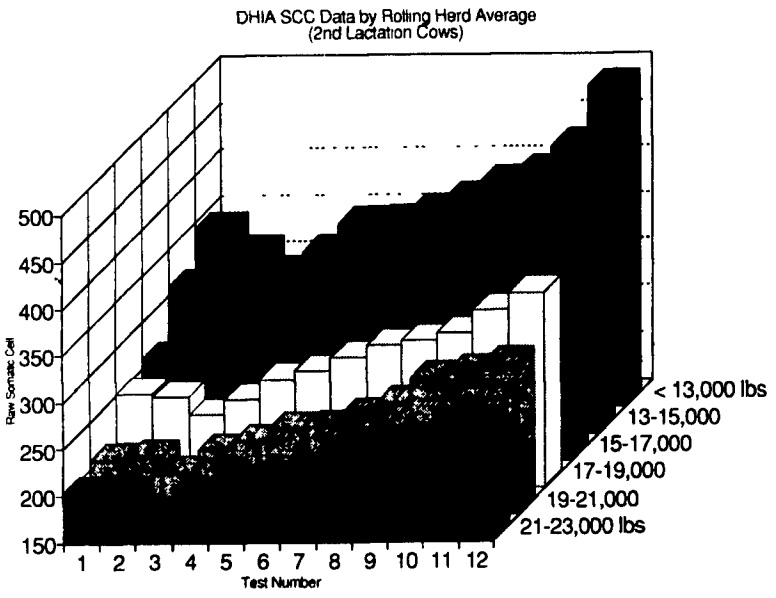
On the following pages is a set of tables. These tables are grouped by rolling herd average in steps of 2,000 pounds, from 13,000 pounds and under to 23,000 pounds and over. For all herds, the average number of animals leaving the herds, and the number of herds on test in each category are shown. In addition, the average PTA milk, fat, and protein also appear, as well as the lactation average somatic cell count, and the average number of days open.

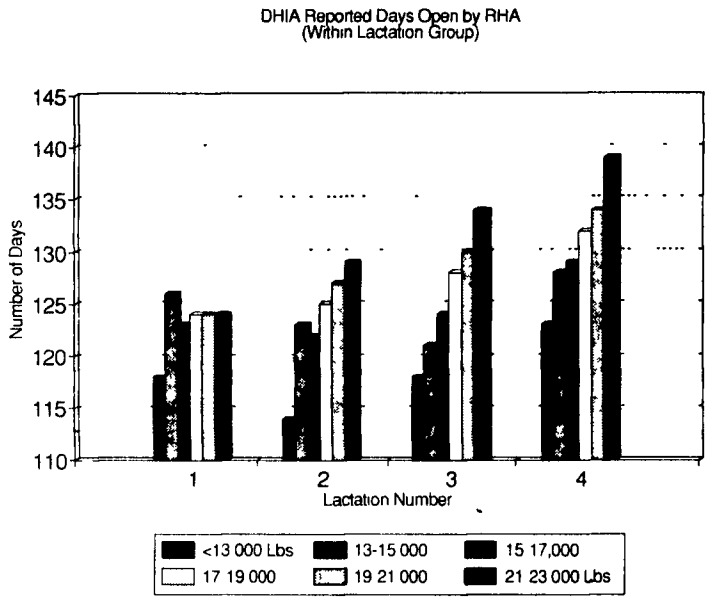
Following these overall averages is a more detailed table. This shows the average milk, fat, protein, raw SCC, and feed cost per hundredweight of milk for each test throughout an entire year. Graphs are included to highlight the most important trends seen in these figures. And to point out some of the major differences between low and high producing herds. Since the characteristics of cows of different ages vary considerable, all of the information is shown for first lactation, second lactation, and third and greater lactation animals.

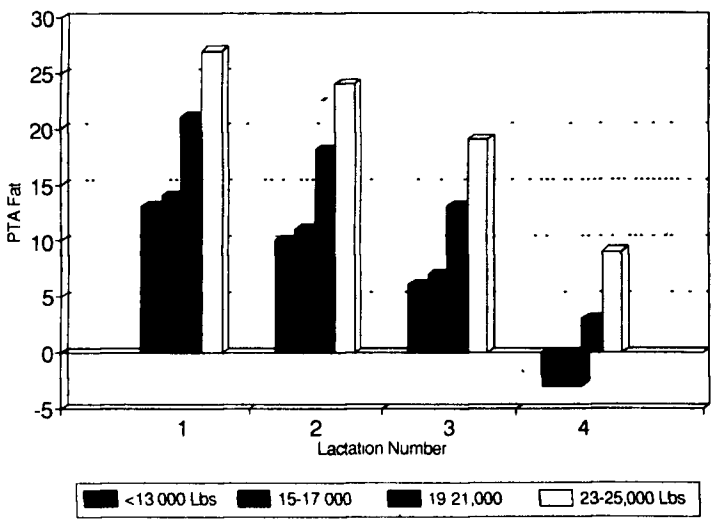
These tables shown more than just simple year-end average data.

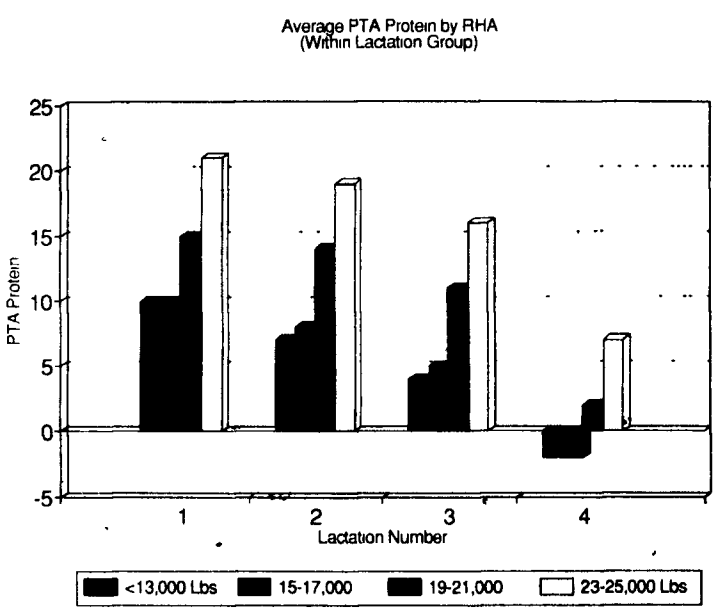
Because they actually provide a breakdown of those statistics pertinent to particular categories of producers, the aim of these summaries is to allow dairy farmers, veterinary practitioners and agribusiness consultants the opportunity to establish reasonable goals for dairy herds during the coming year. DHIA will continue to expand the breadth and detail of the information it makes available in the core parameter categories. We hope you will find these tables of value.

The graphs accompanying this years DHIA special section of FOCUS have been included to give an immediate interpretation for data included in the core parameters tables which are produced as a part of DHIA year end reporting. The Rolling Herd Average categories have been slightly altered from last year so that they conform to the categories used in DHIA's new Herd Performance Evaluator. (More information on the Herd Performance Evaluator is available in this section of FOCUS).









Major Accomplishments Listed For Year

* Introduced Heifer Management option
* Introduced Herd Profile Report for all members
* Introduced Optional Customized Reports option
* Introduced FAX transfer option for member reports
* Replaced member recognition system with Herd Management Awards
* Completed development of billing system for direct members
* Completed development of Herd Evaluator System
* Continued development of Nutrition System
* Continued development of Labor Efficient Records option
* Authorized collection of calving ease data for members
* Published two FOCUS membership newsletters in December and June

Supervisors Receive State Awards

(Continued from Page C9)

The award consists of an engraved clock/pen desk set. This year the field staff had a difficult choice to make since there are several very good new supervisors. In fact, we are presenting co-rookie awards this year.

This year's Rookies of the Year are Melvin Gelsinger of Franklin County. Darren Little of Centre County.

Little was hired in February of 1990 and was chosen as the Rookie of the Year. The award consists of an engraved desk set. Darren was chosen from the other beginners due to his impressive performance statistics. Darren achieved a near 100% accuracy rate the first six months and now maintains that level and a 30.1 day test interval on nearly 2,000 cows monthly.

Gelsinger was selected the Rookie of the Year award at the 1991 Summer Conference for PA DHIA Supervisors. Mel began his career on May 1, 1990 with approximately 34 herds and quickly attained an accuracy level of nearly 100%. Mel tests approximately 3,200 cows monthly and his wife, Cheryl, now has a full time circuit of her own.

DISTINGUISHED SERVICE AWARD

Each year a list of nominees for the Distinguished Service Award is formulated. Each candidate must have completed five years of service and qualified for the Award of Merit for the previous year. One supervisor is chosen from each region based on the following criteria. Cooperation with county personnel, dairymen, DHIA personnel, statistical performance and neatness and appearance.

Supervisors may only receive this award once. It is also required that a supervisor win this award prior to consideration for Superior Supervisor. The winners each receive a plaque and a check for $25.00.

Christina Deeter, of Crawford County received this award for the Northwest region. Tina tested an average of 30 herds per month in 1990 and collected 16,729 samples.

Anne Brooks, of Centre County was the region two recipient for 1990. Anne maintains a circuit of approximately 31 herds and 2,200 cows monthly. Anne's accuracy rate on 364 tests and 24,481 cows was 99.8 with several months at 100%. Anne maintains a regular cycle as evidenced by a 30.2 day test interval and no herds over 45 days. Anne also received the award of merit for the third consecutive year.

Denise Solt, Northampton Co., was presented the distinguished service award from region three. Denise maintained a 100% accuracy rate on 354 tests and 28,551 cows in 1990. She averages 31 herds per month and a 29.7 day test interval. Denise also received the award of merit for the second year in a row.

Maurice Welk, of Lancaster County was chosen to receive a distinguished service award for his work in 1990. Maurice maintained a 99.7% accuracy rate on 376 tests and 22,300 cows. Maurice serviced about 31 herds monthly and maintained a 30.1 day interval. Maurice also received his eighth consecutive award of merit. Since the conference was held, Maurice has retired from maintaining his own circuit.

THE HOLLINGER AWARD

The Carl B. Hollinger Memorial Award was started in 1977 in honor of Mr. Hollinger who was a fieldman for PA DHIA from 1951-1974. The winner of this award is selected by the employees who work in the Central Milk Testing Lab, to recognize the outstanding supervisor for excellence in neatness and accuracy of samples and barnsheets. Criteria used in selecting the winner include order and neatness of the barn sheets, neatness in sample packing, size of samples, method of ordering supplies, and cooperation with the lab. The award winner receives an engraved desk set.

This year's recipient, JoAnn Moser, of Berks County maintained a monthly average of 31 herds for 1990 and collected 28,143 samples. JoAnn's paperwork was superb, her test interval was a near perfect 30.4 days, and her accuracy rate finished out at 99.9 percent. She received the distinguished service award for the Southeast region and was also presented a certificate for ten years service.

PUTNAM AWARD

The Putnam Memorial Award was initiated in 1983 in honor of Dexter N. Putnam for his contributions to PA DHIA. Mr. Putnam was an extension dairyman from 1957 until his retirement in 1982. Dexter's dairy extension responsibilities included working with DHIA supervisors to improve their accuracy in reporting data on DHIA forms. The Putnam Award is given annually to the supervisor who commits the fewest errors per 1000 cows tested. Supervisors may only win this award once. The winner receives an engraved desk set. This year the award was also presented to the part-time supervisor with the highest accuracy rate.

The full-time supervisor that received the award for the 1990 calendar year was Marianne Walter from York County. Marianne services 26 herds with approximately 2000 cows on a monthly basis. She achieved an accuracy rate of 100%, a test interval of 30.3 days, and received the award of merit for the twelfth consecutive year.

The Putnam Memorial Award was also presented to part-time supervisor, Michael Holbay of Somerset County. Mike services approximately 21 herds and 1100 cows monthly, maintains a 100% accuracy rate and a 29.9 day test interval.

BOLDOSSER RETIRED

Harold Boldosser of Cumberland County was presented with a clock commemorating his retirement after over forth-three years of active service as a PA DHIA Supervisor. Harold's circuit consisted of approximately 40 herds and 3,000 cows monthly. Harold maintained a near 100% accuracy rate and a 30.5 day test interval.

The Full Service Organization

DICK BARTH
General Manager

Just a few years ago it was not possible for a member to select who would provide DHIA field, laboratory and data processing services to him. All that has changed, however, as DHIA has matured into an organization striving to meet member needs better than it has in the past. Under the current policies of the national organizations, DHIA members have the freedom to choose where their DHIA services come from.

Such freedom has been viewed as beneficial because it introduces competition into what was strictly a monopoly. It used to be that Pennsylvania DHIA stayed on its side of the state line and other states stayed on their sides, limiting the service available to members to the state organization in which they resided. Now members can pick and choose from among nine processing centers, dozens of labs and more than 40 state organizations for official records services. On the surface it seems better, but is it really?

Do you remember what telephone service was like before the court ordered the breakup of the Bell (AT&T) Telephone system that allowed MCI, Sprint and others to compete with Bell? That decision gave us the freedom to choose from whom to get long distance telephone service, but it's almost impossible to tell if we're better off. We have to spend time exploring the alternatives that constantly bombard us through the mail, make a decision and take it on faith that we're better off.

I still use AT&T because of the benefits from a full service provider that I don't get if I choose "unbundled" services: simpler decision making, only one bill to pay each month, and no complicated dialing steps for long distance calls. If for no other reason, it's the best answer for me because telephone service costs are a very small part of the cost of running our household and the convenience far outweighs any small monetary savings I would get from the alternatives.

This example has a parallel in DHIA. When the decision was made to reorganize the DHIA system in Pennsylvania, the PA DHIA Board chose a future as a full service provider because of the advantages to members of this approach: increased reliability of service, reduced liability for members, improved delivery of new services, uniform management of DHIA employees, etc., etc., etc. Each reason is very important, but they are just too numerous to name here.

Thirty-two individual county associations have endorsed the Board's decision by merging their local associations with PA DHIA. There are 11 more in the process of doing so by next spring. These 43 associations comprise about 60 percent of all DHIA members and cows in Pennsylvania.

Nearly 10 years of preparation have preceded reorganization of the DHIA system needed to make the full service concept work successfully in Pennsylvania. Where does your local leadership stand on reorganization? Have they seriously explored the benefits of a full service organization that will result from merger and compared them to the alternatives? If not they need to get started soon because a deadline for completing reorganization statewide has been set by the PA DHIA Board for October 1, 1992, less than a year from now.

The full service DHIA should be viewed as a boon for members, not a bain. But everyone's participation, along with a positive contribution from local DHIA leadership, is needed to successfully complete this important step into the future. If you need information about these issues please call me or Jim Garrity at 800-325-2720 and ask for details.

Direct Member Counties as of 12/01/91

COUNTY	REGION	HERDS	TOTALS COWS	SUPV	MERGE DATE
Adams	4	52	4161	4	5/91
Beaver	2	28	1541	2	10/91
Berks	4	208	14037	7	4/91
Bucks	4	41	2328	2	11/89
Cambria	2	19	1298	1	7/90
Cameron	1	2	90	0	1986
Clarion	1	32	1540	0	5/90
Clearfield	1	31	1303	1	3/89
Dauphin	4	73	4704	2	12/91
Elk	1	9	321	0	1986
Fayette	2	24	1305	3	5/91
Franklin	4	237	18080	10	1/92
Indiana	2	56	3068	2	12/90
Jefferson	1	40	1957	3	4/90
Juniata	4	101	5032	4	12/90
Lackawanna	3	20	956	1	7/90
Lebanon	4	193	12373	7	3/91
Lycoming	3	86	4375	5	12/90
McKean	1	17	758	1	12/90
Mercer	1	116	6101	6	5/90
Mifflin	2	125	6926	5	12/90
Montgomery	4	42	2535	3	7/90
Northampton	3	39	2529	1	5/90
Nothumberland	3	34	1819	2	12/90
Snyder	3	68	3501	2	12/90
Sullivan	3	21	1356	2	12/90
Union	3	96	4269	3	1/90
Venango	1	19	949	1	7/90
Washington	1	76	3785	3	12/91
Wayne	3	104	4818	3	12/90
Wyoming	3	43	2097	2	5/90
York	4	110	7910	5	12/90
		2162	127822	93	

Counties with Direct Membership Vote Scheduled by 2/1/92

Centre	2	140	7490	5	1/92
Chester	4	175	11968	9	1/92
Columbia	3	32	2051	1	1/92
Cumberland	4	152	9296	4	1/92
Erie	1	119	5875	5	1/92
Lawrence	2	66	3227	3	1/92
Schuylkill	4	39	2142	2	2/92
Westmoreland	1	67	3098	3	2/92

1992 DHIA Calendar

January

1	New Year's Day, Service Center closed
8-9	PA DHIA Board meeting, State College, PA
16-17	State DHIA Managers' meeting, Orlando, FL
18	On-farm computing workshop, Orlando, FL
28	Central District delegates meeting, 9:30-3:00 Family House Restaurant, Mifflintown, PA

February

11	Southeast District delegates meeting, 9:30-3:00 Berks Co. Agr. Center, Leesport, PA
12	Southwest District delegates meeting, 9:30-3:00 Ramada Inn, Somerset, PA
13	Northwest District delegates meeting, 9:30-3:00 Venango Co. 4-H, Franklin, PA
14	Northeast District delegates meeting, 9:30-3:00 Elks Club, Towanda, PA

March

6-7	PA DHIA Annual meeting, Hershey Lodge and Convention Center, Hershey, PA
15-19	National DHIA Convention, Madison, WI
31	In-service dinner for county agents, 6:00-9:00 PM State College, PA

April

1-2	PA DHIA and Northeast DHIA Joint Board meeting

May

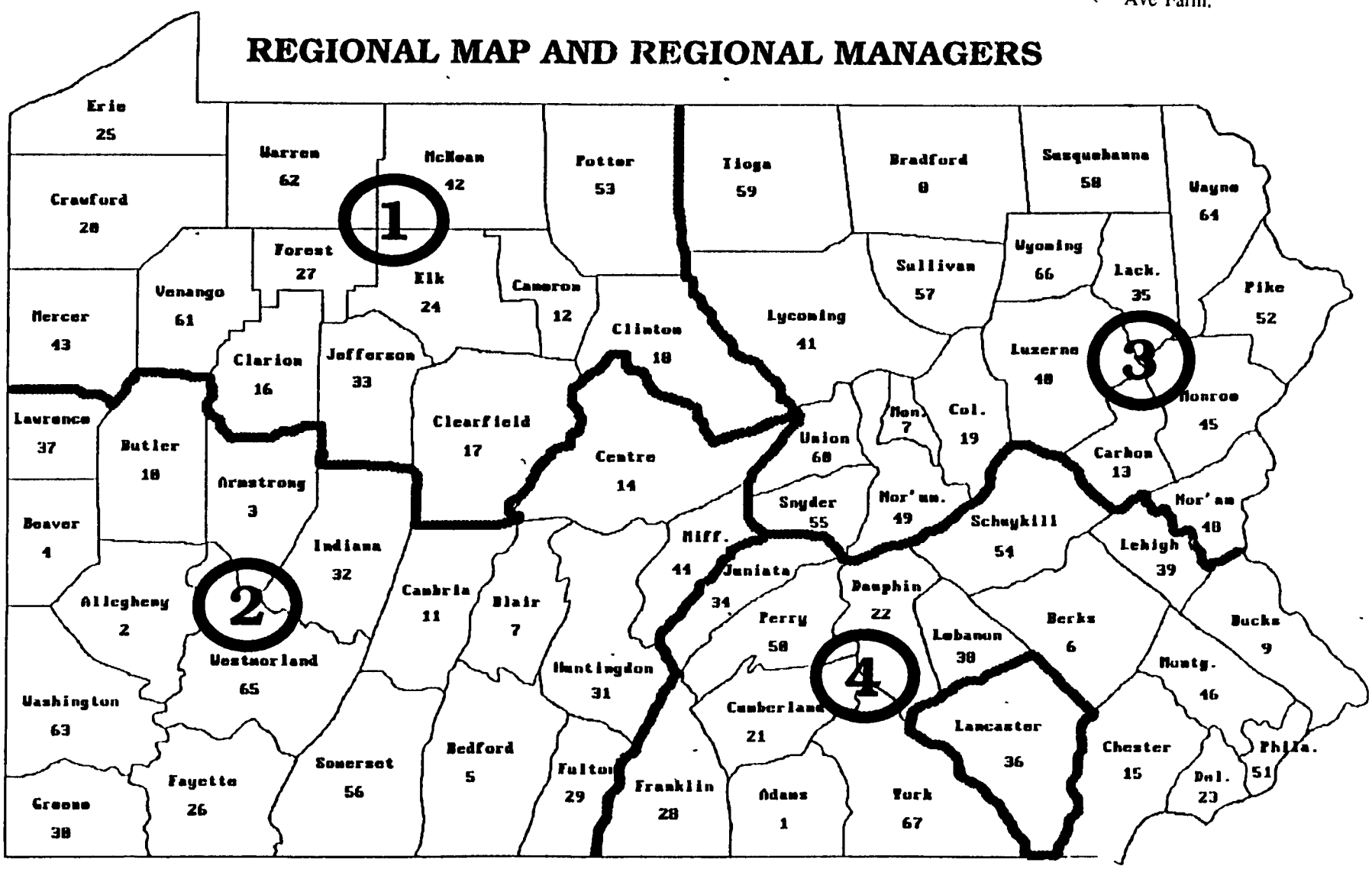
25	Memorial Day, Service Center closed

New Members

(Continued from Page C8)

ard Atkinson, Shale Hill Farm, Mayme Carter, Gene & Ellen Clark, Bill & Angie Spencer, Oak Pine Dairy, Barry D. Wise, James K. Anderson, Robert Aiken, Ivan Reiff, Lee A. Hoover Jr., Patrick Platz, Robert & Marlys Grace, Donna Platz, Susan & Richard Kelley, Valleybrook Dairy, Wayne & Leah Williams, Darrel Zimmerman, Allen Newswanger, Ted & Barb Boozel, Laverne Keech, Glen & Shirley Graham, Joseph McKachinis, Rebecca Darling, Norman Swenger Jr, Christ B. Stoltzfoos, Amos S. Stoltzfus, Calvin L. Zimmerman, Lester W. Allgyer, Christian S. Glick, Raymond J. King, Omar E. Fisher, Ivan Sauder, David H. Beiler, Noah Newwswanger, Glenn Barnhart Sr, Bruce R. Campbell, Lawrence H. Lang, Mose A. Byler, Lo Mar Dairy, Daniel Barr, Trisha A. McIlwain, Daniel F. Cole, Dean Cole, Rufus N. Martin, Alan G. Kaler, Mark Mapes, Kovalen Dairy Farm, Sunrise & Ave Farm.

REGIONAL MAP AND REGIONAL MANAGERS



REGION 1
David Bigelow
28 Cardinal Circle
Williamsburg, PA 16693
814-832-3840

REGION 2
Larry Hay
R D 3, Box 39A
Berlin, PA 15530
814-267-4754

REGION 3
Diane McIlwain
R D 2, Box 308
Canton, PA 17724
717-673-8317

REGION 4
Harry Fritz
4090 Lemar Road
Mercersburg, PA 17236
717-328-9159

LANCASTER
Jay Mylin
1592 Old Line Road
Manheim, PA 17545
717-665-5960

Lancaster Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES:

1 Ayrshire
2 Guernsey
3 Holstein
4 Jersey
5 Brown Swiss
8 More Than One Breed
G Grade
B Grade and Registered

OCTOBER 1991

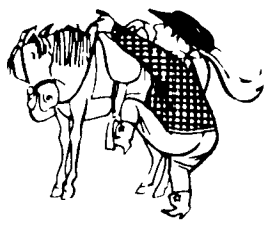
A Registered Holstein cow owned by John & Barb Brubaker, 612 Noble Road, Christiana completed the highest 305 day lactation with protein. Ivy produced 31,614 lbs. of milk, 1,059 lbs. of protein with a 3.3% test. Second high lactation was completed by a Holstein cow owned by Dave & Jodi Findley, 350 Drytown Road, Holtwood. Meagan produced 26,371 lbs. of milk, 996 lbs. of protein with a 3.7% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 775 OR MORE LBS. OF PROTEIN.

OWNER - COW'S NAME	BREED	AGE	DAYS	MILK	% PRO	PRO-TEIN	% FAT	FAT
John & Barb Brubaker								
Ivy	RH	4-5	305	31,614	3.3	1059	3.8	1209
Rita	RH	4-1	305	26,241	2.9	777	3.2	845
Dave & Jodi Findley								
Meagan	GrH	6-11	305	26,371	3.7	996	3.7	983
Florida	GrH	7-3	305	29,700	3.3	984	2.7	808
Rooter	GrH	5-4	305	30,828	2.9	910	2.1	675
Legs	Grh	4-4	290	28,821	2.8	812	1.7	490
John H. Howard								
Caramel	RH	4-10	305	30,870	3.1	979	3.4	1071
Glamour	RH	5-0	292	26,911	3.2	885	3.3	902
Hannah	RH	3-5	305	26,719	3.2	863	4.0	1083
Roxann	RH	4-0	305	25,178	3.2	807	3.1	790
Kenneth E. Zurin								
898	GrH	3-11	305	30,800	3.1	955	3.9	1211
911	RH	3-10	305	26,508	3.1	837	3.2	867
881	RH	4-1	282	30,058	2.7	836	2.9	881
977	RH	3-5	305	27,949	2.9	821	3.7	1043
Amos N. Martin								
Sparkie	GrH	4-9	297	31,711	3.0	954	3.4	1101
Dana	GrH	4-6	305	28,769	3.0	884	2.9	860
Ada	RH	4-3	305	25,737	3.3	872	4.1	1067
Rae	RH	4-8	305	27,127	3.0	833	3.0	833
Amos B. Stoltzfus Farm Z								
Ina	GrH	3-6	305	29,233	3.2	935	2.9	853
Sally	RH	8-1	305	27,020	3.0	832	3.4	927
Cathy	GrH	4-1	305	25,901	3.1	808	2.9	759
Robert & Linda Sensenig								
60	GrH	5-7	305	29,225	3.2	935	3.3	983
68	RH	2-11	305	26,818	3.3	887	3.2	872
61	GrH	3-8	305	26,137	3.1	831	2.4	643
76	GrH	2-11	298	22,760	3.5	818	4.2	957
Samuel B. Smucker								
Kate	RH	5-1	305	27,383	3.4	930	3.6	1009
Cathy	RH	4-11	305	23,968	3.3	791	3.5	855
John E. Coleman Jr.								
Key	RH	7-0	305	30,082	3.0	919	3.6	1110
Arlin Benner								
145	GrH	5-9	305	32,103	2.8	915	3.6	1173
Curtis E. Akers								
Tiger	RH	7-1	305	30,932	2.9	912	3.4	1054
Phoebe	RH	3-11	305	25,708	3.3	860	4.0	1035
Robert H. Rohrer & Sons								
362	GrH	5-5	305	33,080	2.7	911	3.0	1011
277	GrH	3-3	305	28,570	2.9	845	3.0	858
171	GrH	3-1	305	25,198	3.1	800	3.7	942
318	RH	3-3	305	25,718	3.0	792	3.2	837
Homer G. Hess								
Velvet	RH	4-7	305	27,540	3.2	903	4.1	1144
Tina	RH	6-6	305	27,482	2.9	818	3.3	926
Edwin J. Landis								
Dolly	RH	3-8	305	27,003	3.3	900	2.2	611
Marvel	GrH	3-11	305	26,640	3.2	856	3.0	801
Antonia	GrH	3-3	305	23,550	3.3	779	2.1	500
Walnut Run Farm								
648	GrH	4-11	305	31,743	2.8	896	3.0	977
643	GrH	5-0	305	30,816	2.8	887	3.1	966
731	GrH	3-11	305	27,482	2.9	811	4.7	1313
Thonywood Holsteins								
Dorie	RH	5-7	305	29,880	3.0	896	3.2	980
Miranda	RH	3-5	305	27,073	3.1	842	3.0	818
Kenneth L. Beiler								
Roxie	RH	6-9	305	28,959	3.0	894	3.8	1105
Shelmar Acres								
Bree 51	RH	6-3	305	29,959	2.9	893	3.5	1052
Meloney	RH	3-4	305	27,591	2.8	795	3.4	949
Clay Farm								
Bell	RH	8-2	305	30,594	2.8	885	3.2	984
Princes	RH	5-10	305	27,602	2.8	784	3.6	993
Kenneth R. Martin								
54	GrH	3-11	305	29,520	3.0	885	3.4	1031
Mervin S. Stoltzfus								
Karen	GrH	3-3	305	28,379	3.1	881	2.4	697

(Turn to Page C13)

SADDLE UP!



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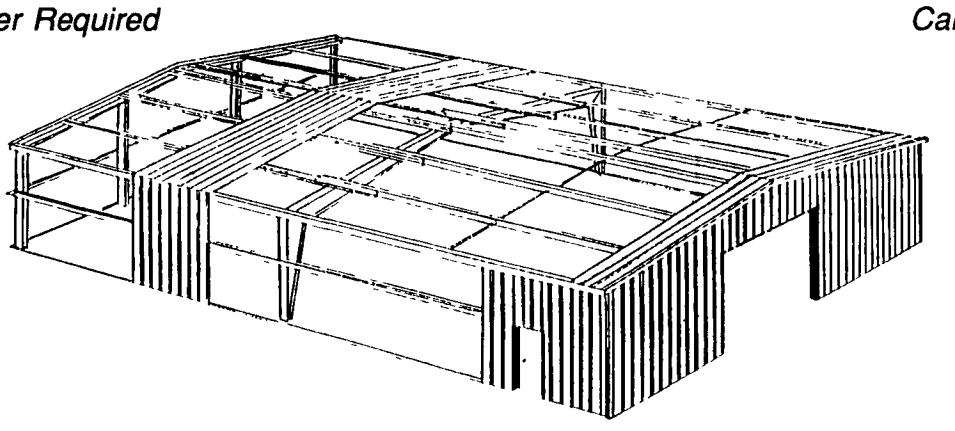

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Lancaster Co. DHIA

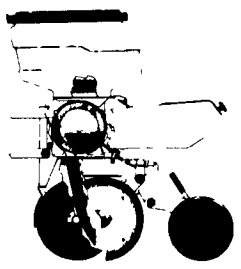
(Continued from Page C12)

Running Springs Farm								
Acorne	RH	7-10	305	30,930	2.8	878	2.8	890
Janie	GrH	6-4	305	27,343	3.0	825	3.5	956
Rae	GrH	4-4	305	26,447	2.9	776	3.1	823
Rhelda & Lynn Royer								
Sundae	RH	6-11	305	29,230	3.0	878	3.5	1045
Tang	RH	5-1	305	27,463	2.9	813	2.9	812
S & A Kreider & Sons								
236	RH	6-2	305	24,833	3.5	876	3.5	880
102	RH	4-4	298	26,564	3.0	807	3.3	900
61	RH	6-8	305	25,602	3.1	793	3.1	801
John R. & Rick Groff								
Margie	RH	4-8	305	27,708	3.1	875	3.0	857
Julie	RH	4-10	305	27,422	3.1	850	3.8	1042
Daphne	RH	2-11	302	24,010	3.4	824	3.7	909
Pauline	RH	3-2	305	26,535	3.0	798	3.2	856
Dilliah	RH	5-1	305	24,330	3.2	786	2.9	717
Stephen L. Hershey								
11	RH	3-3	303	29,933	2.9	874	3.3	987
70	RH	3-1	284	24,814	3.2	795	2.9	742
Daniel B. Stoltzfus								
Cherry	RH	4-1	305	32,566	2.6	872	2.6	859
Norman B. Rutt-Son								
Joan	RH	6-3	305	27,624	3.1	872	3.0	833
Robert N. Brandt								
23	GrH	4-1	305	26,860	3.2	868	3.4	930
Earl & Anna Mae Reiff								
Bubbles	GrH	4-3	301	25,996	3.3	867	3.5	925
Fawn	RH	4-1	304	26,366	3.0	810	3.7	994
Elvin L. Kurtz								
Celeste	RH	7-2	305	29,235	2.9	865	2.8	838
Henry D. Zimmerman								
4022	GrH	3-10	305	25,891	3.3	865	3.8	983
Wilmer S. Stoltzfus								
13	RH	2-11	305	24,153	3.5	861	3.1	760
Carl & Darlene Eberly								
64	GrH	4-0	293	29,673	2.9	860	3.1	921
Galen C. Martin								
Ivory	RH	7-2	305	28,636	3.0	860	3.4	999
Jandy	RH	6-4	305	26,336	3.1	836	3.6	970
Warren Z. Good								
Steffie	RH	5-9	305	26,125	3.2	858	3.8	993

(Turn to Page C14)

Simple and Accurate

The New 9000 Air Planters by New Idea



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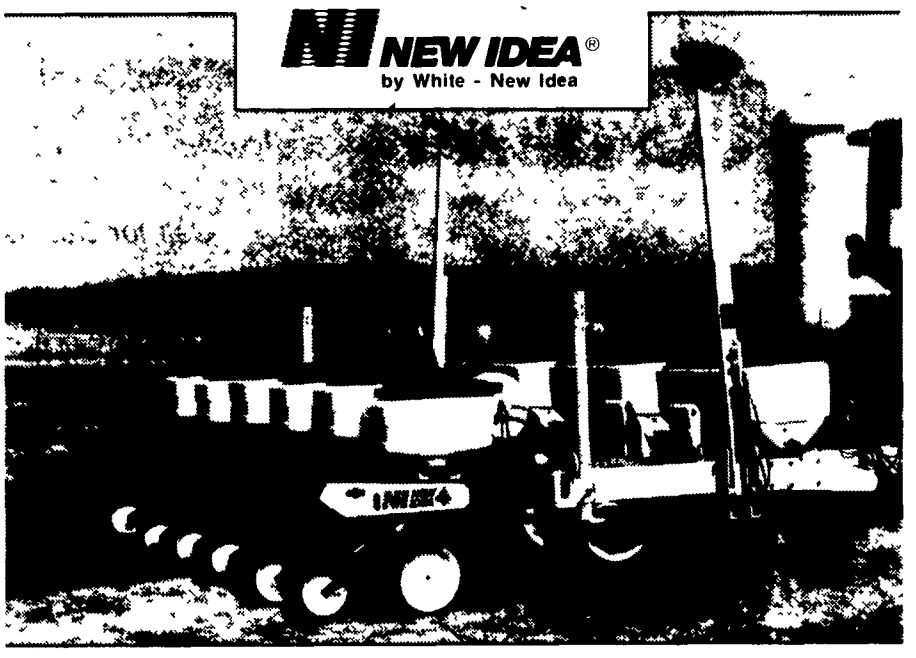

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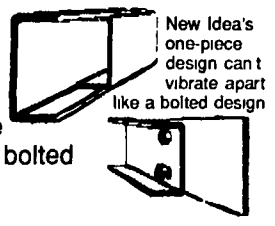

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Lancaster Co. DHIA

(Continued from Page C13)

May	RH	5-2	305	30,144	2.6	801	3.0	918
Ivan M. Hursh								
Carla	GrH	5-10	305	26,966	3.1	857	3.8	1046
Best Brothers								
69	GrH	5-2	305	25,699	3.3	857	3.6	946
Loren L. Zimmerman								
Petunia	RH	4-10	305	27,828	3.0	856	3.7	1039
Patella	RH	3-8	305	24,882	3.3	827	4.0	1014
Jacob S. King								
Taffy	GrH	6-6	305	26,278	3.2	854	3.6	951
Spring Belle Farm								
Start	RH	3-1	305	26,128	3.2	854	3.8	995
Graywood Farms								
74	GrH	6-0	305	24,433	3.5	854	4.0	983
92	GrH	2-11	303	23,591	3.3	793	3.8	897
Paul S. Horning								
Deedee	GrH	7-5	305	29,647	2.8	853	2.1	624
Pens Peaceful Meadow								
774	RH	7-1	305	26,930	3.1	851	3.5	967
Gerald Martin								
Bunny	RH	4-4	305	28,568	2.9	850	3.6	1041
Glenn R. Bushong								
Lizard	GrH	5-7	305	28,636	2.9	849	3.9	1125
LeRoy M. Stoltzus								
Fannie	RH	3-5	305	28,425	2.9	849	2.5	714
Lottie	RH	5-2	305	26,236	3.0	803	3.3	883
Melvin R. Eby								
Sonia	RH	3-3	305	27,543	3.0	849	3.6	991
Wings	RH	3-10	305	25,927	3.0	782	3.6	954
Ivan Zook & Sons								
231	RH	4-5	305	26,883	3.1	847	3.2	875
Calvin D. Beiler								
Myra	RH	5-5	305	29,613	2.8	846	3.5	1059
J. S. Smucker - Sons Farm 1								
682	RH	6-4	305	28,505	2.9	846	3.0	879
Nelson & Jane Stoner								
121	RH	4-8	305	29,306	2.8	845	3.0	887
145	RH	4-2	305	26,139	3.1	824	3.6	944
39	RH	4-6	297	31,059	2.6	808	2.9	922
Dale & Steve Hershey								
Vashti	RH	3-2	305	24,799	3.4	844	4.2	1055
John U. Glick								
Empress	RH	3-10	305	26,639	3.1	843	2.3	621
Denise	RH	5-11	305	25,118	3.2	810	4.3	1100
David R. Wenger								
B Bettr	RH	5-10	301	26,274	3.2	843	4.1	1086
Robert Kauffman Jr.								
Loretta	RH	5-5	305	24,910	3.3	843	3.8	952
Faron	RH	4-2	305	23,653	3.3	794	4.2	994
Faith	RH	3-0	305	24,273	3.2	787	3.3	815
Danda Farms								
Tracy	RH	4-0	305	25,895	3.2	840	4.3	1131
Dolly	RH	4-1	305	24,660	3.2	795	3.1	767
Kenneth R. Zimmerman								
70	RH	6-0	305	29,332	2.8	837	2.8	828
Jay Richard Groff								
100	GrH	3-2	305	28,681	2.9	837	2.9	849
12	RH	7-3	305	25,438	3.2	834	3.3	847
92	GrH	4-10	305	25,607	3.1	796	3.3	858
35	GrH	3-3	305	25,934	3.0	791	3.4	903
Ralph Petersheim								
Aprct 73	RH	5-8	305	26,126	3.2	837	3.0	802
Merrill E. Nolt								
41	GrH	4-9	305	25,555	3.2	836	3.2	832
Welk Shade Holsteins								
Betts	RH	5-8	305	24,986	3.3	836	4.3	1091
Vernon R. Umble & Son								
Ellie	RH	5-9	305	29,600	2.8	834	2.9	868
Leola	RH	7-7	305	21,643	3.6	793	4.3	932
Vernon N. Martin								
Elaine	RH	5-0	305	25,476	3.2	834	3.2	834
John Omar Stoltzfus								
Candy	RH	6-9	305	28,549	2.9	833	3.8	1102
Blue Springs Farm								
163	GrH	6-5	305	26,578	3.1	832	3.4	913
20	GrH	6-7	305	24,111	3.2	781	4.0	966
Bennie L. Fisher								
Vicky	GrH	5-9	305	28,389	2.9	831	3.8	1083
Sidney	RH	6-3	305	29,762	2.7	828	3.1	930
Curvin W. Nolt								
174	RH	3-11	305	26,360	3.1	831	3.1	832
139	RH	5-10	305	26,087	3.0	783	3.4	899
Dennis E. Tice								
Frankie	RH	3-8	305	24,758	3.3	831	3.3	838
Noah N. Martin								
Jessie	RH	5-0	305	26,444	3.1	830	3.6	973
Daniel B. Landis								
464R	RH	4-9	305	26,225	3.1	827	3.7	994
831	RH	5-1	305	24,026	3.3	794	3.3	810
Timothy Kurtz								
25	RH	5-1	305	26,143	3.1	827	3.4	900
Robert L. Shelly								
Brandy	RH	4-5	305	24,209	3.4	826	3.6	871
Fultonway Farm Inc.								
Snow	RH	4-2	305	28,119	2.9	825	3.4	964
Joy	RH	3-4	305	25,966	3.1	814	2.9	756
Queamade Farm								
Mabel	RH	5-9	305	24,980	3.3	824	3.0	771
Amos L. Fisher								
Muff	RH	4-1	305	26,953	3.0	824	3.2	876
Nelson W. Nolt								
46	RH	6-2	305	29,045	2.8	823	3.2	935
J. Harold Fritz								
91	RH	3-8	305	25,616	3.2	823	3.6	936
433	GrH	3-8	305	24,590	3.2	786	4.1	1011
146	GrH	6-6	305	27,545	2.8	776	3.4	936
Lester M. Weaver Farm #1								
460	RH	4-1	305	23,908	3.4	823	3.6	879
Mervin R. Stoltzfus								
Harriot	GrH	6-3	304	24,407	3.3	821	4.4	1089
John L. Landis								
184	RH	7-1	305	28,012	2.9	820	3.4	962
62	GrH	3-4	297	25,806	3.1	817	3.0	793
101	GrH	3-4	305	27,340	2.9	812	2.5	690
6	GrH	3-2	305	26,720	2.9	800	3.1	839
Dale Weiler								
Annette	RH	5-2	292	27,644	2.9	820	3.3	920
Edgefield Farms								
Karenba	RH	6-3	305	27,434	2.9	820	2.8	788
Elmer M. High								
44	RH	10-0	305	25,977	3.1	819	3.5	915
55	RH	3-1	305	29,878	2.7	818	3.2	962
J. Floyd Kreider								
43	RH	6-4	305	26,712	3.0	818	3.9	1047
Dean L. Groff								
72	GrH	5-6	305	24,973	3.2	818	3.2	799
Daryl & Sam Martin								
213	GrH	6-2	301	24,966	3.2	816	3.3	839
36	GrH	3-10	305	27,822	2.8	805	3.4	953
357	GrH	3-0	289	22,495	3.4	782	4.0	900
Earl N. Landis								
Rosabel	RH	4-1	305	24,826	3.2	814	3.5	890
Pearl	RH	4-0	305	26,733	2.9	795	3.3	897
Millstone Acres								
290	RH	7-0	305	27,381	2.9	813	3.6	994

(Turn to Page C15)

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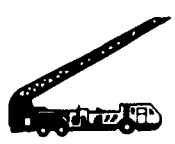

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(Continued from Page C14)

Reuben Z. Beiler								
Sherry	RH	5-1	305	26,904	3.0	810	3.5	959
Amos E. Stoltzfus								
Mona	RH	6-11	305	27,665	2.9	809	3.0	848
Pretzel	RH	4-10	305	28,066	2.8	808	3.0	844
Bessie	RH	3-6	302	22,984	3.4	798	3.6	836
Nancy	GrH	4-11	305	26,269	2.9	777	3.2	843
David G. Byers								
81	RH	4-3	305	25,712	3.1	809	3.7	975
C. Robert Greider								
94	GrH	6-1	305	26,403	3.0	808	2.4	645
Alvin W. Sensenig								
2	GrH	7-8	305	24,149	3.3	807	3.0	732
Tom Zartman								
73	GrH	4-2	305	27,307	2.9	806	3.0	824
Kenton L. Sweigart								
35	RH	5-8	305	26,478	3.0	806	3.2	847
Philip & Kim Hurst								
283	RH	7-1	305	29,199	2.7	805	2.9	855
Clair Oberholtzer								
Credit	RH	5-7	305	27,629	2.9	805	2.9	803
Wea-Land Farm								
Joan	RH	5-7	305	25,745	3.1	805	3.2	842
New Acres								
37	GrH	7-5	305	24,793	3.2	805	4.2	1049
James E. Oberholtzer								
118	RH	4-11	305	26,681	3.0	803	3.2	872
4	RH	3-3	305	24,063	3.2	784	3.4	836
Ar-Len Farm								
Lilac	RH	4-0	305	26,448	3.0	802	3.7	986
Henry F. Stoltzfus Jr.								
Bessie	RH	5-0	305	25,192	3.1	802	3.3	842
Rick & Mim Brenneman								
Kat	RH	7-4	305	24,721	3.2	802	3.8	956
Gary L. Stoltzfus								
57	GrH	5-2	305	24,244	3.3	802	2.8	682
Leon Sensenig								
73	GrH	5-11	305	25,459	3.1	801	3.3	856
Floyd Kreider & Son								
85	RH	5-7	305	26,834	2.9	800	3.5	944
Paul H. Rohrer & Sons								
89	GrH	4-0	305	24,270	3.3	800	3.6	874
Benuel S. Riehl								
Fanny	GrH	7-1	305	29,620	2.7	799	2.9	864
Norman L. Hershey								
Roxy	RH	7-0	305	29,089	2.7	799	2.3	680
Lapp Valley Farm								
Terry	RH	5-8	305	27,625	2.8	799	3.4	955
David W. Sweigart								
146	RH	3-3	305	24,891	3.2	799	2.5	636
J. Ray Ranck								
Emerald	RH	5-8	305	24,177	3.3	799	4.1	993
Softbal	GrH	5-4	305	23,150	3.3	785	4.0	947
Ivan K. Lapp								
52	GrH	4-1	294	23,957	3.3	799	2.5	603
Thomas C. Lapp								
Linda	RH	6-9	305	25,336	3.1	798	4.0	1037
Monica	RH	6-6	305	23,576	3.3	791	3.6	855
Ken & Lisa Wiker								
Penny	GrH	4-1	305	23,711	3.3	798	3.2	767
Meadow Vista Farm								
741	RH	5-3	305	25,946	3.0	797	3.3	857
R. Edwin Harnish								
97	GrH	5-5	305	24,932	3.2	797	4.2	1059
Paul S. Sauder								
Marg219	RH	5-3	305	24,403	3.2	796	3.5	854
Harvey W. Stoltzfus								
Getty	RH	7-3	305	24,264	3.2	794	3.5	864
Jean	RH	5-6	302	23,042	3.3	775	3.7	853
Groffdale-Lot								
Martha	GrH		305	28,086	2.8	793	3.5	992
King-Ridge Farm								
Susann	RH	5-5	305	27,644	2.8	793	3.1	864
Wilmer L. Shertzer								
24	RH	5-9	305	26,214	3.0	792	2.8	754
C. Dale Bollinger								
Dawn	RH	5-8	305	23,315	3.4	792	4.1	977
Red Knob Farm								
947	GrH	3-3	305	25,917	3.0	789	3.3	867
Alelpa Farms								
642	GrH	4-8	305	23,196	3.4	789	3.3	767
382	GrH	5-11	305	22,511	3.5	787	2.9	674
637	GrH	4-11	305	23,147	3.3	778	3.0	703
John K. Peters								
Marigold	RH	5-11	305	24,814	3.1	788	3.5	891
Penn Har Va Farms								
Gabriel	RH	6-4	305	24,759	3.1	787	2.8	694
Roman L. Stoltzfoos								
33 Stela	RH	4-4	305	27,981	2.8	785	3.1	869
Alvin Z. Zeiset								
Tess	RH	3-5	305	25,972	3.0	785	4.0	1058
Myron Stoltzfus								
Gail	RH	5-3	305	27,275	2.8	784	3.2	891
Quarry Edge Farm								
Eleanor	RH	5-6	305	24,928	3.1	784	3.5	981
Pequea Meadows Farm								
330 Leh	RH	3-8	305	25,978	3.0	783	3.5	927
David & Robin Dum								
54	RH	3-4	299	23,463	3.3	783	3.7	875
167	RH	3-1	305	26,173	2.9	777	3.1	835
Philip & Lisa Risser								
46	RH	5-7	305	25,632	3.0	782	3.3	849
Balmer Brothers								
92	GrH	3-1	305	25,334	3.0	781	2.5	651
Dennis R. Bender								
92	GrH	4-9	305	23,771	3.2	781	4.2	999
Clifford & Joyce Blank								
Jody	RH	6-4	305	27,590	2.8	780	3.5	974
Star Point Holsteins								
204	GrH	6-9	305	22,465	3.4	780	3.9	881
Abram M. Stoltzfus								
Leah	GrH	3-10	305	25,379	3.0	779	2.7	702
Kenneth L. Balmer								
Dixie	GrH	6-4	305	26,704	2.9	778	3.2	855
Ammon E. Reiff								
Mars	RH	4-9	305	22,832	3.4	778	2.9	672
Daniel K. Kauffman								
Lisa	GrH	3-3	305	24,189	3.2	775	3.1	753
Clair R. Landis								
Audrey	GrH	7-1	294	24,168	3.2	775	3.1	755
Donald R. Bare								
64	RH	5-10	305	23,435	3.3	775	3.9	935

Nominations Open

DES MOINES, Iowa. — The Pork Industry Nominating Committee has set a January 1, 1992 deadline to receive nominations to fill five, three-year terms on the National Pork Board. The positions are currently held by producers Tom Miller, Ariz.; Hilman Schroeder, Wis.; Gary Simpson, Colo.; Linden Olson, Minn.; and Harold Trask, Iowa.

A total of eight producers will be selected by the National Pork Producers (Pork Act) delegate body from nominees submitted to the nominating committee by state pork producer associations, other farm organizations, and individuals. Floor nominations may also be made at the annual meeting of the Pork Act Delegate Body, March 6-7, 1992 in Atlanta, Ga.

The slate of eight producers will then be submitted to the U.S. Secretary of Agriculture, who will appoint five producers to fill the open pork board positions.

The Pork Industry Nominating Committee will consider the qualifications of all proposed candidates and will select candidates to participate in personal interviews in late January. The nominating committee will release its proposed slate of candidates in advance of the delegate body meeting in March.

Nomination applications to the National Pork Board are due by January 1, 1992 to the Pork Industry Nominating Committee, P.O. Box 10383, Des Moines, IA 50306.

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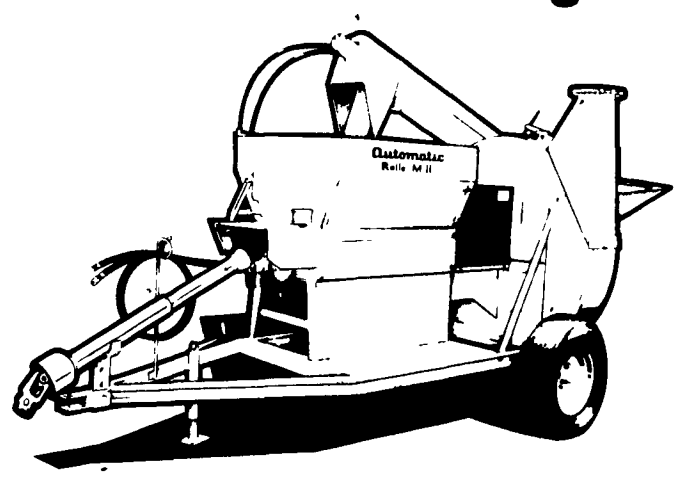

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Research Concentrates On Balance Of Nutrients, Forages

ANDY ANDREWS
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — In Chinese cosmology, the principles of yin and yang (yin, for female, and yang, for male) combine to produce all that comes to be.

It's the neverending balance that all farmers face when thinking about applying manure and managing crops — too much manure for too little crop, or manure applied at the right time to the right crop to produce the highest yield?

The nature of the balance of nutrients to obtain desired forage yield and quality depends on many factors, including the soil profile, forage species, soil nutrient needs, and the factors involved in planting and harvesting.

Farmers need to look closely at their soil, the livestock they manage and their needs, and use proper crop nutrient stewardship to obtain forage crops that will aid profitability while keeping the environment safe.

Remove nutrients

"Forage crops probably remove more nutrients per acre than most other crops, largely due to the fact that you're removing virtually all the vegetative material at one time and you're removing the material several times during the year," said Steven L. Fales, Penn State University.

Fales spoke about species selection for nutrient management last week at the 31st annual Pennsylvania Forage Conference. The conference included information on how farmers can utilize forages as part of their overall nutrient management program on the farm.

But selecting forages primarily for nutrient management may not be wise, according to Fales. Other factors to be considered include the adaptation of the species to soil characteristics, the use of the forage (for cash crop? feed?), and nutrient management (all year? seasonal?)

Grasses provide the best form of forage nutrient management, primarily the cool season grasses. While the Kentucky bluegrasses or timothies provide better feed quality, better nutrient management occurs with orchardgrass or the reed canary grasses (see chart).

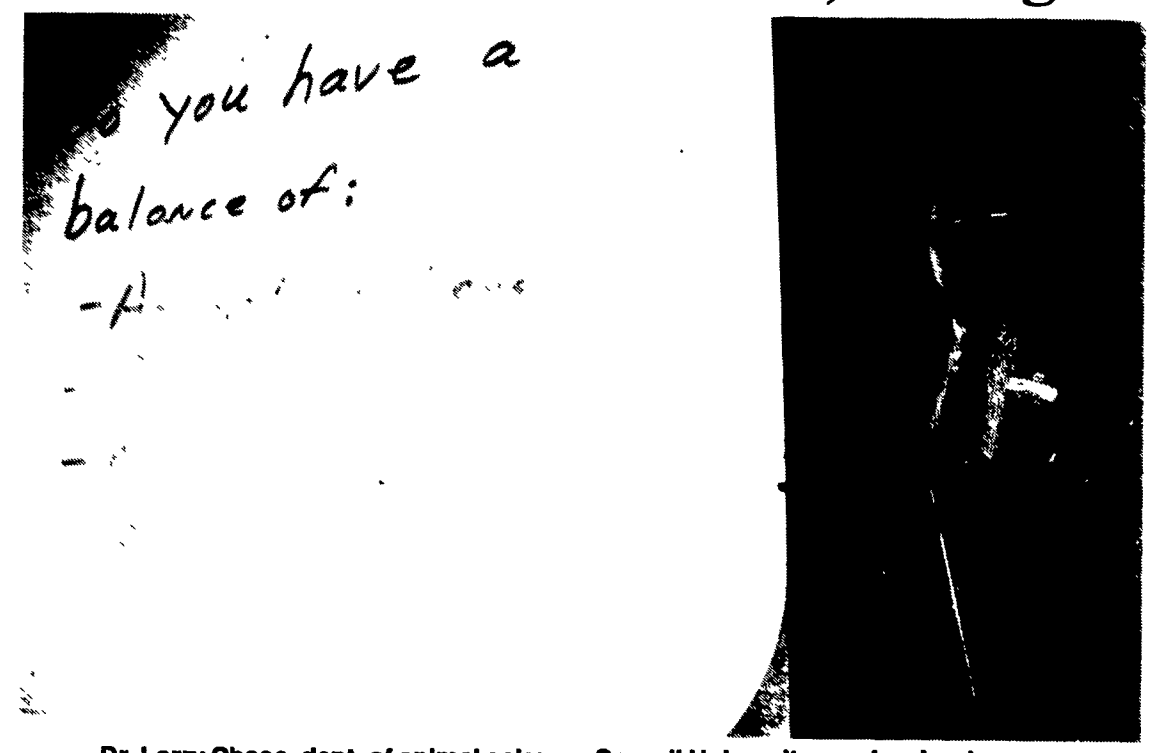
Wide adaptation

"The reed canary grass has a wide adaptation from droughty to wet sites," said Fales. The problem is, according to Fales, that the quality may be only fair to good. One of the problems with reed canary grass is that the common types have an alkaloid that is an antipalatability agent — so intake of the grass is limited.

"So if you're going to plant reed, you should plant one of the low-alkaloid varieties which are available," he said.

Nitrogen removal using the reed canary grass is approximately 200 pounds per acre per year, making it the best in terms of nitrogen removal.

Warm-season grasses, on the other hand, may persist during months of drought or other stresses, and produce significant tonnage, but they remove far less nitrogen.



Dr. Larry Chase, dept. of animal science, Cornell University, spoke about crop production for management of soil and feed nutrients at the Pennsylvania Forage Conference.

Les E. Lanyon, associate professor of soil fertility at Penn State, spoke about several studies which investigated the use of summer annual forage crops using nitgrogen fertilizer or manure at the Pennsylvania Forage Conference last week.

Larger applications

Fales cautioned farmers not to use legumes such as alfalfa to pick up excess nitrogen. "While a small amount of nitrogen applied as a starter can be effective in improving early growth, because nodulation is not complete, larger applications of nitrogen really don't accomplish anything and in many cases can be deleterious, can cause stem thining and some other problems."

Also, using alfalfa to draw up nitrogen can result in nitrates in the forage during drought or frost. Approximately .1 percent nitrogen in the forage can cause a production problem — .3 percent nitrogen can create a lethal situation, according to Fales.

Also, applying nutrients to alfalfa will also cause other weeds to accumulate in the stands.

According to Fales, if using forages, the primary consideration remains their use as feed, and then as nitrogen uptake. Farmers should consider using more than one species on a farm.

Summer forages

Les E. Lanyon, associate professor of soil fertility at Penn State, spoke about several studies which investigated the use of summer annual forage crops using nitgrogen fertilizer or manure. Studies have used both sorghum-sudangrass or Piper sudangrass with a winter rye crop.

In the experiments, about 150 pounds of nitrogen per acre has been taken up in the harvested portion of the summer annual forage crops. Uptake of rye is about 75 pounds per acre. As a result of the crop combinations, almost 1,400 pounds per acre of crude protein can be produced using this combination of crops, according to Lanyon.

Summer forage crops can effectively take up nitrogen and provide a source of feed for the farm.

A study also involved looking at nitrogen applied after a corn crop with and without a following rye cover crop. The rye was able to absorb a great deal of the nitrogen — nitrogen that may have remained on the surface or been released into the environment if the cover wasn't used, according to Lanyon.

Tailor forage

"So the fertilizer, the manure applications, are another way, in combination with harvesting strategies, to tailor a forage to meet the needs of the animal groups that you'll be feeding forage to," said Lanyon.

"Our challenge as an industry is how to best integrate soil and crop resources on that individual farm to meet the nutrient needs of the dairy herd . . . And that's where we used to stop," said Dr. Larry Chase, dept. of animal science, Cornell University. "But now we have to add these other words — . . . 'while providing an environmentally responsible situation.'"

The industry must take an active role in learning to create the balance between soil resources, crop production, and animal performance, according to Chase.

"The other challenge we have as an indsutry is to make sure we take an active role in developing guidelines. . . which balance the agricultural and nonagricultural interests. We better not let other people write the guidelines, or we're in trouble."

CHARACTERISTICS OF PERENNIAL FORAGES FOR THE NORTHEAST

Species	Morphology	Feed Value	Soil Adaptation Fertility	Soil Adaptation Drainage	Production Period	Yield Potential (lb)	Removal (lb) Per Acre of N	P	K
Cool season grasses									
Ky. Bluegrass	short, sod	VG	good-medium	well drained-moist	spring/fall	4000	52	36	120
Timothy	tall, bunch	V	medium-fair	well drained-moist	spring/fall	6000	114	42	189
Sm. bromegrass	tall, sod	G	high-good	well drained	spring/fall	7500	124	49	191
Orchardgrass	tall, bunch	G	medium-fair	droughty-moist	spring/fall	8000	200	68	252
Reed canary	tall, sod	F	medium-fair	droughty-wet	spring/fall	8000	200	68	252
Per. ryegrass	short, bunch	E	good-medium	well drained-moist	spring/fall	7500	150	56	280
Tall fescue	tall, variable	P-E	medium-fair	droughty-moist	spring/fall	8000	156	76	212
Warm season grasses									
Switchgrass	tall, bunch	G	poor-fair	droughty-moist	summer	9000	171	90	225
Big bluestem	tall, bunch	G	poor-fair	droughty-moist	summer	9000	171	90	225
Legumes									
Alfalfa	tall, bunch	VG	high-good	well drained	spring/fall	12000	300	66	300
Red clover	tall, bunch	VG	good-medium	well drained	spring/fall	8000	200	48	200
Trefoil	medium, bunch	VG	medium-fair	droughty-wet	spring/fall	8000	160	60	248
Ladino clover	short, spreading	E	good-medium	moist	spring/fall	8000	200	80	192

This chart shows the characteristics of several perennial forages for the Northeast. Note their effective nitrogen removal rates (third column from right).

Penn State Releases Forage Trials Report

UNIVERSITY PARK (Centre Co.) — Growers who need advice before making forage planting decisions can turn to the "1991 Forage Trials Report," newly released by Penn State Cooperative Extension.

The report, prepared by researchers from Penn State's agronomy and entomology departments and the U.S. Department of Agriculture, provides yield data and disease ratings for several varieties of forage sold in Pennsylvania.

Scott Harkcom, a senior research aide in agronomy who contributed to the report, said the publication has expanded in recent years.

"In the past, the report only covered alfalfa," he said. "In 1990, red clover was added, and this year for the first time, data on cool-season grasses are included."

The 15-page report ranks each variety based on trials conducted by Penn State from 1987 through 1991. Sites for the ongoing trials are the Russell E. Larson Agricultural Research Center at Rock Springs, the Southeastern Field Research Lab in Landisville, and the Milton S. Hershey School farms in Hershey.

To receive a copy of the free report, call any Penn State Cooperative Extension county office or contact the Publication Distribution Center, 112 Ag Administration Building, Penn State University, University Park, PA 16802, (814) 865-6713.

Three-Man Team Judges Largest Angus Show Ever

ST. JOSEPH, Mo. — A team of three judges evaluated the largest Angus show ever assembled at the North American International Livestock Exposition (NAILE).

The 1992 National Angus Super Roll of Victory (ROV) Show was held in Louisville, Ky. The three-man team included Bill Couch of Owensville, Ind.; David Hawkins of East Lansing, Mich.; and Vance Uden of Franklin, Neb.

Held at the Kentucky Fair and Exposition Center, the show was also the largest National Angus show in recent memory. With Angus nwnbers totaling 269, the National ROV Point Show saw exhibitors from throughout the United States compete for grand champion honors in bull and heifer competition.

Whitestone Krebs, Gordon, Neb., walked away the show's top winner by exhibiting the national grand champion bull, the national grand champion female, and the first place get-of-sire and junior get-of-sire groups.

Owned with Eric Schlutz, Letts, Iowa, Da Es Ro Casey 629 was Whitestone Krebs' grand champion bull. First named the senior champion, the grand winner is an April 1989 son of Brost Power Drive. He weighed in at 2,674 pounds for a weight per day of age of 2.81 pounds.

Whitestone Krebs' grand heifer winner was Honey Bears Sophie owned with Gretchen Hilmes, Flora, Ill. The heifer was chosen for top honors among the 200 head of Angus females after topping the intermediate division. She is a May 1990 daughter of Fairfield Dark Star P57.

The reserve grand champion bull was P F Hamilton 9H24 owned by Premier Angus and Forsythe of Cloverdale, Ind.; Dawn Henley of Oakdale, Calif.; and Intemational Breeding Centers Inc. of Spencer, Ind. The bull first won reserve senior champion honors and weighed in at 2,670 pounds with a weight per day of age of 2.71 pounds. He is a March 1989 son of Skarship Saratoga.

The reserve grand champion heifer was the junior division winner exhibited by R & J Ranch, Briggs, Texas. She is R&J Lindsey 510, a February 1990 daughter of R&J Extraordinary 1345.

In other bull competition, C A F Gryphon 3200 won the junior championship for Premier Angus Inc., Cloverdale, Ind., and De Wayne Costin, Greencastle, Ind. The reserve junior champion bull was owned by Whitestone Krebs and WK Future Associates, Gordon, Neb. The bull is named WK Future.

Ramseys Lonesome walked away the intermediate champion bull. He is owned by William Ramsey and Sons, Frankfort, Ind., and Premier Angus Inc. The reserve intermediate winner was Dinwiddie Exceller owned by Dinwiddie Farm, Middleburg, Va.

In the senior bull calf category, WAF Enchanter 083 walked away the champion. He is owned by Weaver Angus Farm, Peoria, Ill. The reserve senior calf champion was B & L Renaissance owned by B & L Properties, Shawnee, Okla., and Austin Land and Cattle Company, Seminole, Okla.

R&J Prestige won the junior bull calf championship for owners Davids Angus Ranch, Grandview, Texas, and R & J Ranch. The reserve junior bull calf winner was Yadkin River Tanglewood owned by Yadkin River Angus Farm, Clemmons, N.C.

In other heifer competition, Mengs Lucy 107Y won the senior championship for owners Whitestone Farm, Aldie, Va.; Will Meng, Bowling Green, Ky.; and Philip Trowbridge Jr., Ghent, N.Y. The reserve senior champion was D A Brittany 7693 owned by Angela Johnson, Mt. Airy, Md.

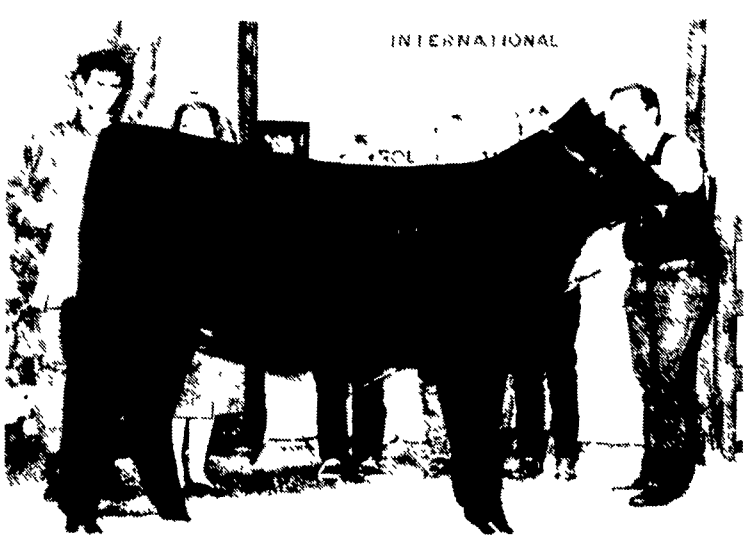
WAR Sara 0209 7142 won the reserve junior championship. She is owned by Champion Farms, Gallipolis, Ohio, and Sara Schmalenberger, Vincent, Iowa.

The reserve intermediate female was R&J Margaret 2020 exhibited by R & J Ranch.

In senior heifer calf competition, the champion was Kruegers Kinannie Riannon owned by Erin

(Turn to Page C18)

Mengs Lucy 107Y is the name of this senior champion female at the 1992 National Angus Super Roll of Victory (ROV) Point Show held during the 1991 North American International Livestock Exposition in Louisville, Ky. The heifer is owned by Whitestone Farm, Aldie, Va.; Will Meng, Bowling Green, Ky.; and Philip Trowbridge, Jr., Ghent, N.Y.



Erin Krueger, Coatesville, Pa., owns this senior heifer calf champion at the 1992 National Angus Super Roll of Victory (ROV) Point Show held during the 1991 North American International Livestock Exposition in Louisville, Ky. The winner is named Kruegers Kinannie Riannon.

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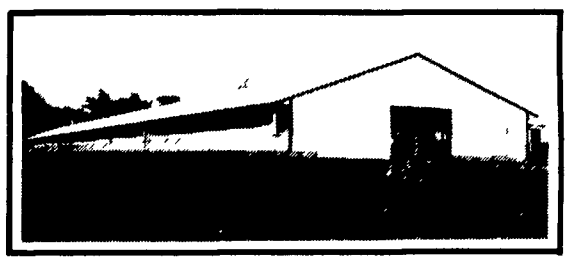

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Breeders Cup Stimulates North American Competition

LOUISVILLE, Ky. — The 1991 Shorthorn Steer Futurity and Breeder's Cup was held at the North American International Livestock Exposition.

Competition combined the third annual American Shorthorn Association Breeder's Cup Steer Show with the regular futurity. Twenty-three Shorthorn steers from across the country were featured in two classes of competition: purebred and appendix. Purebred steers carry 15/16 Shorthorn blood concentration or higher. Appendix steers carry at least 3/8 Shorthorn blood concentration but less than 15/16.

Breeder's Cup sponsors added $4,000 to prize money in the purebred purse and $800 to the appendix purse. Participating breeders were required to pay a $100 sponsorship fee to be placed in the Breeder's Cup fund and be eligible for the additional prize money.

This voluntary program encouraged many breeders to participate in this intense competition and use it as an additional marketing tool in promoting their purebred and appendix Shorthorn steers.

All Shorthorn Futurity Steer Shows are terminal, with 50 percent of the total futurity award designated to the on-the-rail or carcass winners.

John Farbo, a trainer on the Connell Stock Farm, thinks that the competition at the North American Livestock Exposition has grown tremendously in the past three years and believes that the market for Shorthorn steer has flourished a great deal. "It always seems like we could sell 15 more than we have," Farbo said.

Andy Humphreys, whose steer competed in the appendix division, believes the North American International Livestock Exposition has added great educational growth to his breeding program. "This is day is very educational," said Humphreys. "We find out how we need to change our breeding program to produce better beef . . . . it helps both the breeders and the consumers."

The event was judged by Wyoming Agricultural professor Doug Hixon, who has judged steer competitions in 23 states. "I was basically looking for Shorthorn steers with good balance, good muscle volume in relation to frame, appropriate weight range (650-850 pounds), and a high degree of credibility, or leanness," Dixon said.

Dr. Rogerly E. Hunsley, an executive secretary for the American Shorthorn Association, said the competition was the best he has seen since 1983.

"We had some good young cattle with some high quality muscle," Hunsley said. "And, as usual, the people and the facilities don't get any better than here at the North American."

Brangus, Blonde d'Aquitaines At NAILE

LOUISVILLE, Ky. — The Brangus and Blonde d'Aquitaine breeds of cattle added a little rarity to the North American International Livestock Exposition recently.

Brangus is a cross between Brahman and Angus cattle and is known for its maternal instincts and resistance to diseases. The breed is most popular in the southeastern United States because of its ability to withstand high humidity and cold temperatures.

"Brangus is the breed made for our part of the country," said Joy Weinheimer of Mockville, N.C. "Almost everyone showing Brangus here today is from the Southeast."

The breed's uneven distribution across the United States has been a great asset to the National Brangus Show of Merit at the North American.

"The location of the North American is a main reason the Brangus show has been successful here," said Show Superintendent Joe Patterson of San Antonio, Texas.

This is the fourth year for the show, and more than 50 cattle were entered. Brangus are becoming popular across the country because of their hardiness, disease resistance, soundness, and fertility. These qualities make Brangus ideal for cross breeding.

"Commercial breeders are demanding our Brangus bulls to cross with their breeding stock," said Carolyn Milliken of H.C. Brangus in Sedgewickville, Mo.

Blonde d'Aquitaine cattle are also well adapted to cross breeding. A French breed noted for their lean meat, these fair skinned animals are exhibiting at the NAILE for the second year.

"There's been a lot of interest in the breed this year," said Jerry Jeffries, superintendent of the show and president of the Oklahoma Blonde d'Aquitaine Association. "We have people here from Pennsylvania, West Virginia, and Ohio to see the show."

Entries in this year's show are down from last year, but that has a lot to do with the timing of the North American International, according to Jeffries.

"We had 60 entries, but the Canadians dropped out because of another show," Jeffries said. Only about 20 animals competed in the actual show.

Despite low numbers, Jeffries thinks Blondes will continue to compete in Louisville. They are adaptable to hostile climates, have a docile disposition, good mothering skills, and good feed efficiency.

"I am convinced that Blondes will grow more pounds on less feed than any other breed," said Andy Andersen, a breeder from Uvalde, Texas who owns about 100 female Blonde d'Aquitaines.

The breed also crosses extremely well with any breed of cattle, Andersen said.

Ag Secretary Part Of Soviet Mission

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Robert L. Walker is traveling to the Soviet Union with a World Bank mission to study the Soviet agricultural and food distribution system.

The study will address such issues as producer incentives; agricultural production and technology options; institutional reform and investment in agriculture; production and technology options in food distribution and input supply systems; privatization and investment in food distribution system; financing of the food sector; relationship between agricultural and macroeconomic issues; and post-stabilization price and trade policies.

The World Bank plans to complete its report for food sector reform by February 1992 in time for consideration and adoption by the Soviet and republic governments in time for decisions before the planting season.

Three-Man Team

(Continued from Page C17)

Krueger, Coatesville, Pa. The reserve senior heifer calf champion was WK Sugar owned by Ty Krebs, Gordon, Neb.

R & J Ranch took home top honors in the junior heifer calf division with R&J Carrolline 241 winning the championship. The reserve junior heifer calf winner was WK Queen of Diamonds owned by Whitestone Krebs.

Whitestone Krebs also displayed the winning get and junior get-of-sire groups for progeny of R&J Extraordinary 1345. R & J Ranch displayed the best breeder six head entry.

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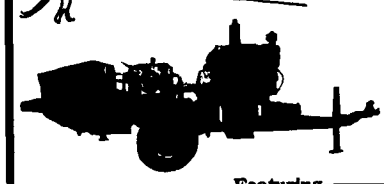

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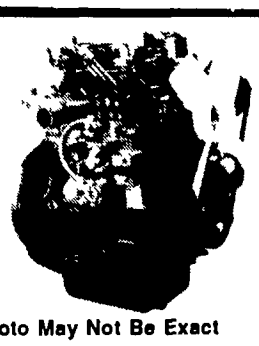

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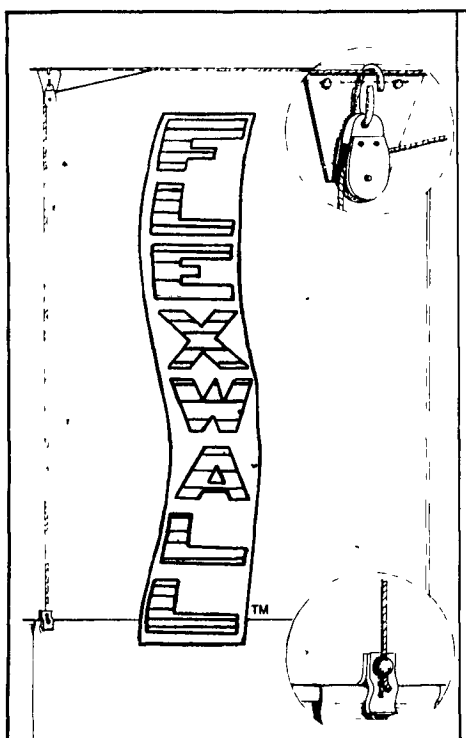

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Hershey To Host Vegetable Conference

HERSHEY (Dauphin Co.) — More than 750 vegetable growers from throughout Pennsylvania will gather at the Hershey Lodge and Convention Center for the 1992 Pennsylvania Vegetable Conference and Trade Show in January 28-30, 1992.

The conference will be held concurrently with the 133rd annual meeting of the State Horticultural Association of Pennsylvania, the state fruit growers association. The State Horticultural Societies of Maryland and New Jersey also meet in conjunction with their fellow fruit growers from Pennsylvania. In all, more than 1,600 people are expected to attend the three-day meetings.

During the conference, vegetable growers, industry specialists, and university researchers will conduct seminars on all phases of the vegetable industry. More than 16 pesticide applicator update training credits are available to growers attending the sessions. Sessions on January 28 will cover processing and fresh-market production methods including disease control, IPM, colored mulches, post-harvest handling, staking tomatoes and new varieties, as well as direct roadside marketing. Bedding plant production sessions will be featured on January 30, along with sessions on general vegetable culture and small fruit insect control. January 31 will be devoted to small fruit production topics.

A special all-day short course on merchandising will also be offered the last day, January 31. It will feature well-known speakers, Pat Leimbach and John Hilger. Leimbach is a farm wife from Vermilion, Ohio, who writes a regular newspaper column "Country Wife." Pat has also written several books and will be speaking on the "Funny Side of Merchandising."

Hilger and his family operate a large farm market near Fort Wayne. John is an entertaining speaker who is not afraid to share his marketing success stories with fellow growers. Other speakers on the short course program will cover the use of signs, lighting and proper market layout to promote sales. Pennsylvania grower Fred Funk of Millersville will share some of his innovative retailing ideas and Madeleine Sigman from Penn State University will advise growers on how to address public concerns.

More than 100 exhibitors will display the latest in equipment, supplies, and varieties for both fruit and vegetable growers at the trade show. The processing tomato growers with the highest yields for the 1991 season will be honored at the annual tomato awards luncheon on the opening day, January 28.

The members of the Pennsylvania Vegetable Growers Association will discuss various issues and elect members of the board of directors at their annual business meeting on January 29. The annual fruit and vegetable growers banquet will be held that evening. It will feature the Chambersburg High School Steel Band as the entertainment.

The Vegetable Conference is sponsored by the Pennsylvania Vegetable Growers Association and The Pennsylvania State University. For more information on the program, contact your county extension office or the Pennsylvania Vegetable Growers Association, RD 1, Box 392, Northumberland, PA 17857-9723, (717) 473-8468.

National Hampshire Sheep Sale Shows Positive Outlook

LOUISVILLE, Ky. — The National Hampshire Sheep Sale was held recently at the North American International Livestock Exposition.

Twenty-eight Hampshires from across the country were featured in the competitive sale held in the newly developed south wing of the exposition center.

Hampshires are a breed of large, muscular sheep bred mainly for their meat.

The Hampshire Sheep Sale followed the National Hampshire Sheep Show, which featured 260 Hampshires from 23 states competing for $4,600 in premiums.

The average Hampshire sold for approximately $450.

"Hampshires are definitely one of the top four breeds of sheep in terms of popularity and sales," said Jack Judy, former head of the sheep division at Ohio State Univefsity. "The quality of Hampshires featured in both the show and the sale looked better than last year."

Judy compared the popularity of the Hampshires with the Southdown breed of sheep. The National Southdown Show held on Monday became the largest Southdown event in the world, featuring 344 sheep in 23 classes of competition.

Despite the record numbers of sheep competing at the North American International Livestock Exposition, the overall sheep economy remains relatively poor.

Judy attributes the decline in sheep sales to both the record low prices of wool this year, which have been very slow to change, and the prices of lambs this year, which are noticeably lower than last year.

"When you put these two factors together with the total economy of the United States, farmers are hit pretty hard in the sheep market," Judy said.

The market for Southdowns and Hampshires, however, has remained stable. Southdowns are popular because they have the ability to adapt to children and are ideally suited for club work. They are also a smaller breed of sheep that do not require a great amount of food and are easier to handle than most other sheep breeds.

"A lot of 4-H kids are getting involved with Southdowns," said John Mrozinski, judge of the National SoUthdown Show. "Parents like the fact that Southdowns are docile animals that are easier to take care of and don't eat too much."

Ed Niemeier, a breeder of Hampshires, said the competition at the North American in both the National Hampshire Show and the National Sheep Sale is as strong as ever.

"The economy for Hampshires is looking pretty good," Niemeier said.

Deb Deakin, a spokeswoman for the Banner Sale Management Service, said that Hampshires are one of the few breeds that truly perform well in market lamb shows. "Hampshires have tremendous show quality," Deakin said. "They are freer of diseases than most breeds, are easy to keep, and lamb very well."

Deakin added that another reason why Hampshires are so popular is their ability to use their food efficiently.

"They have a better gain rate," Deakin said. "They transfer the grain you feed them into more quality pounds of meat per sheep."

Brubaker Receives Award

NILES, Ill. — Michael W. Brubaker, owner/president of Brubaker Agronomics Consulting Service Inc. of Lititz, Pa., has been awarded the 1991 Communicator of the Year Award at the annual meeting of the National Alliance of Independent Crop Consultants (NAICC) in Kansas City, Mo.

This award is presented annually by "Agri Finance" magazine, honoring a member of the society for outstanding accomplishments in publicizing the positive image of the crop consultant profession.

In addition to his activities with the NAICC, Brubaker is a member of the American Society of Agronomy, Crop Service Society of America, Soil Science Society of America, Weed Science Society of America, and numerous state and local organizations devoted to the advancement of American agriculture.

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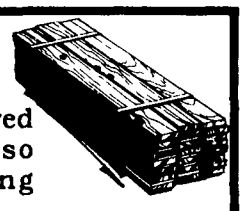
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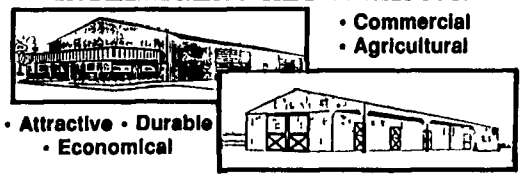
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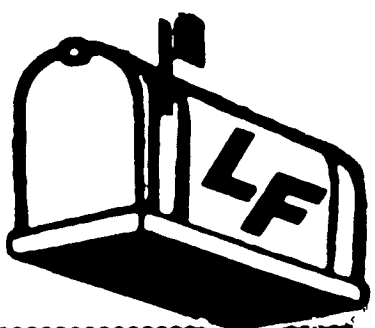

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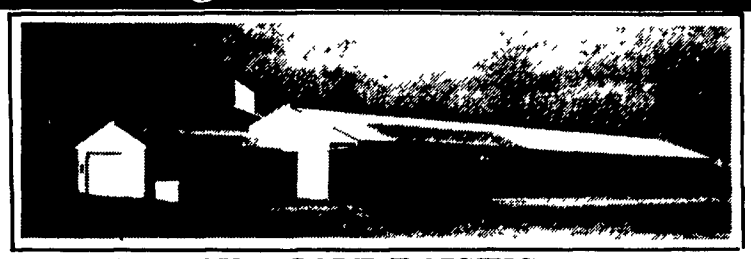

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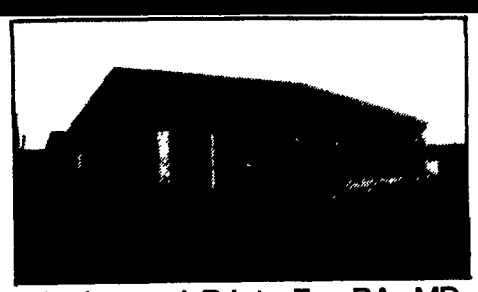

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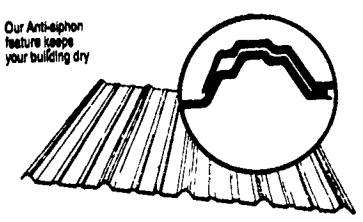

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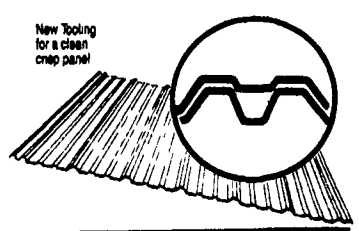

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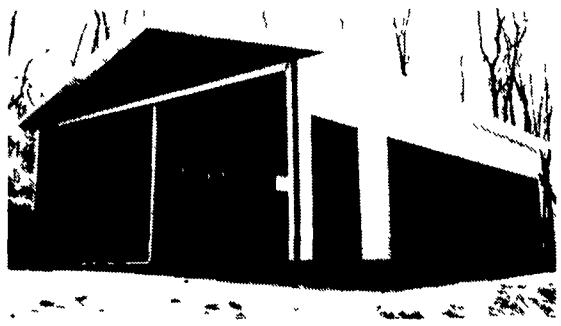

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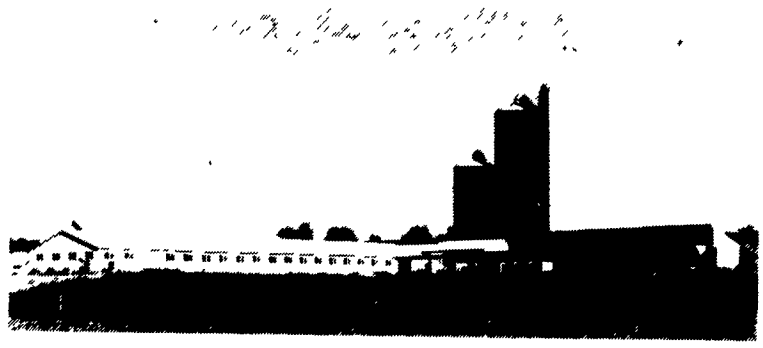

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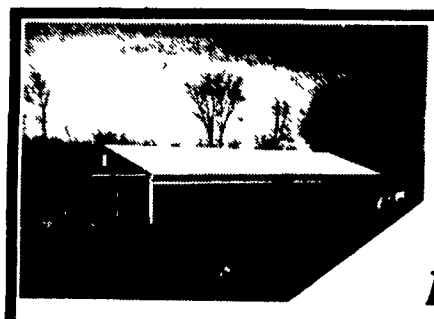

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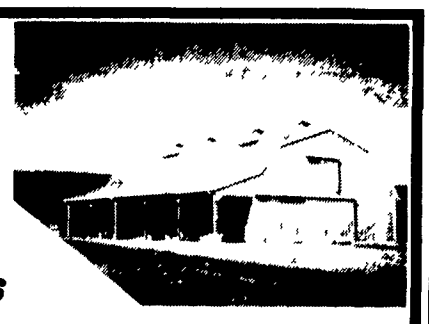

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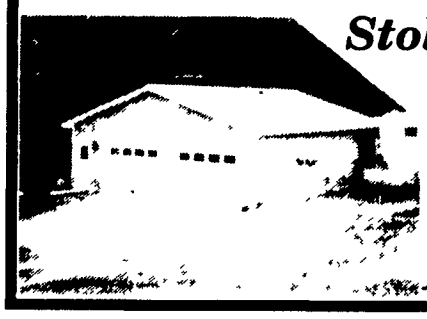

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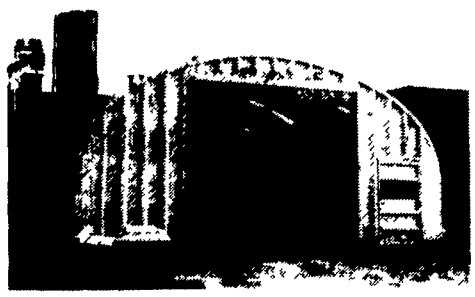

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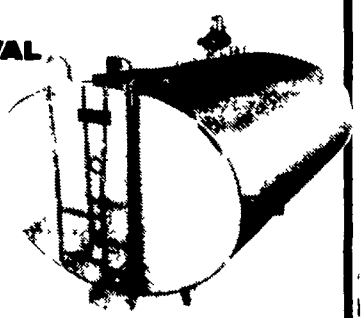

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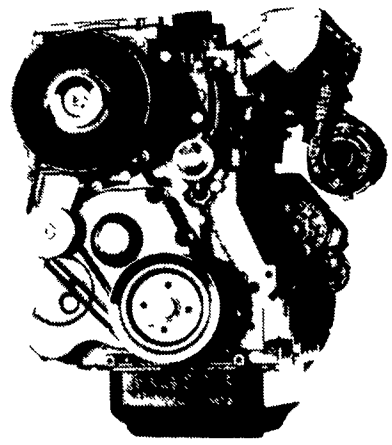

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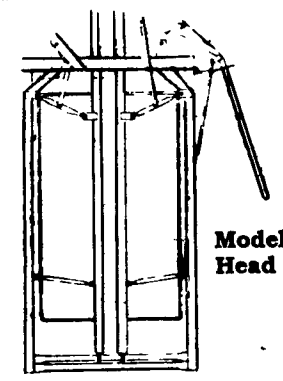
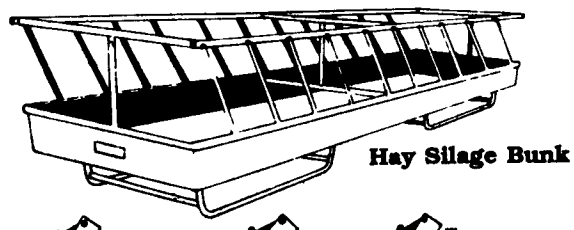
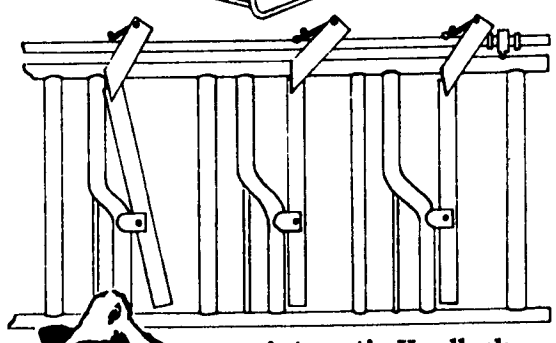

Model 100 Head Gate


Hay Silage Bunk


Automatic Headlock

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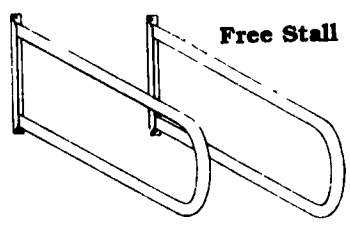
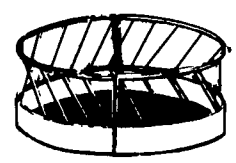

Free Stall

Farm Gate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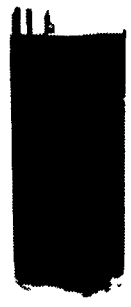

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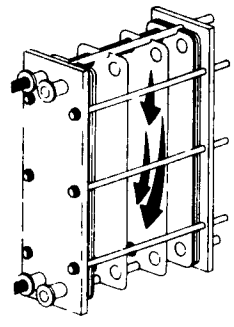

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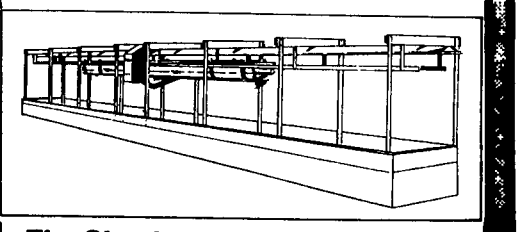

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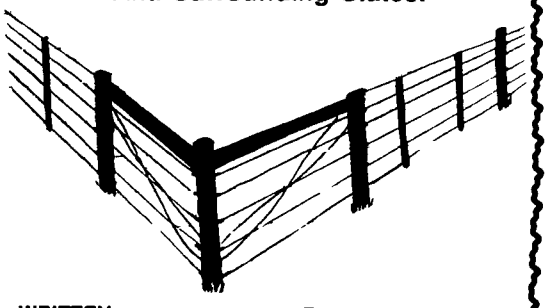

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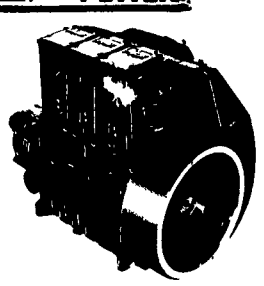

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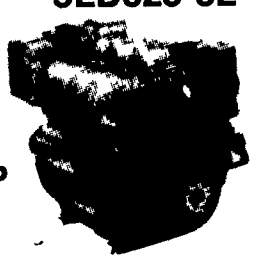

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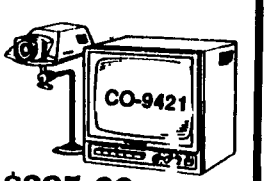

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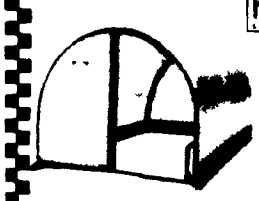

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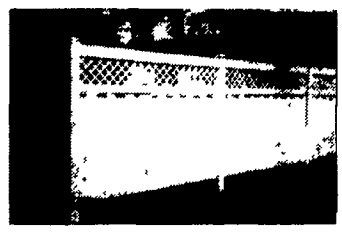

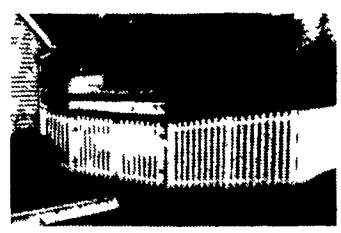

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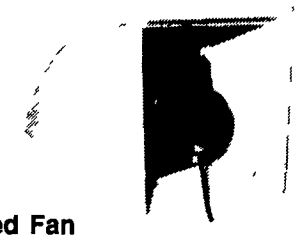
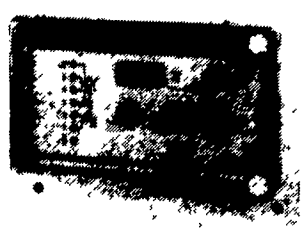
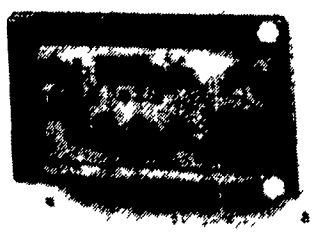




Staged Controller



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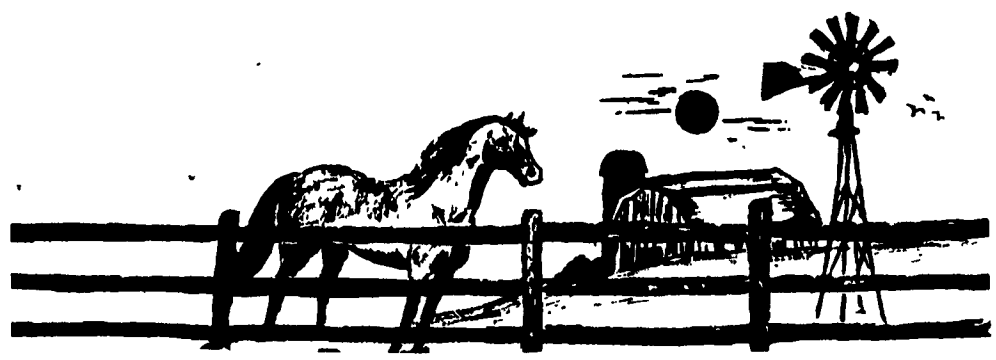

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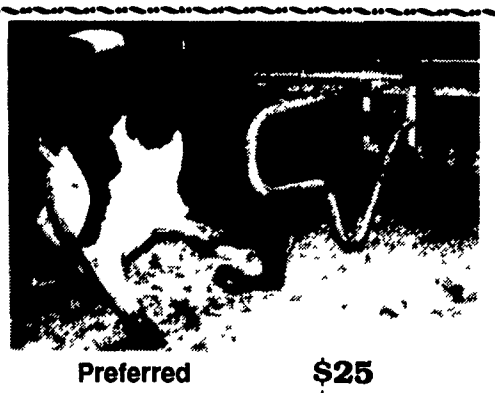

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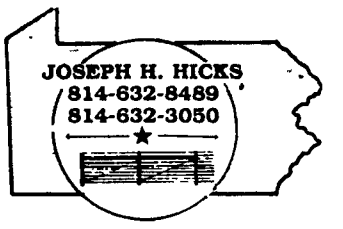

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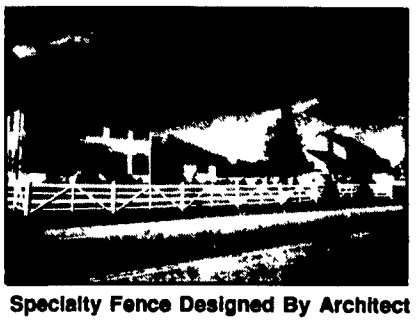
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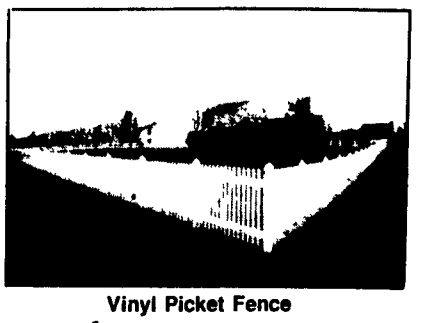
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Buffalo, one bull, one heifer. 215/756-3516

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For Sale: 16 month Micheal Son, dam 35,145 stays 5.2%, stays 1828f, 34%, 1193p. GD 35,614 stays 4.4%, 1584f. 3rd dam, 37,718, 5.1%, 1913f. Other bulls also available Lancaster County. Will deliver. 717-285-7426.

8 CATTLE

For Sale Herd of 20 young Holstein cows, milking 50 lbs. per day, AI breeding, like to sell soon. Also springing heifers. 301/578-1224.

For Sale Small Hereford Beef Herd, bred cows, yearlings and herd bull. 814/334-5279.

Holstein bull for sale. Michael son Dam rotate 2yr. 26,965, 2nd dam 28,366, 3rd Dam 27,640, 4th Dam 30,800, 5th dam, 28,720. Proven breeder. Amos E. Stoltzfus, 335 Millwood Rd., Gap, PA 17527.

Limousin Cattle: 1 black bull, 11 months, grandson of Pure Profit; 3 fullblood, open females-17 months from Seven-Forty-Seven, genetics. West Minsiter MD Call 410-857-0176

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Registered Holstein bulls, 1 year old and younger Dams records up to 28,000 milk, 1,100 fat Stump Acres, 717-792-3216, York County.

Registered Polled Hereford, 5 bred cows, 10 open heifers, 5 breeding bulls (717)345-2488.

Registered heifer due to Leadman 12/10/91. Sire Bear Path Fantastic, dam Bell w/2 year 21,000M, 2nd dam Rotate w/2 year 24,000M, 3rd dam, excellent w/20,000M, 4th and 5th dam VG, $1,400. Fresh grade heifer with nice udder, $1,000. (717)284-3562.

Reg. Jersey Bull, Boomer Sooner Son, Good for Heifers. Also some Reg. Jersey Cows. Bradford County. 717-596-3401.

Reg. Polled Herefords feeders, breeding animals. Transportation available. Penny Lane Farm, Milford, NJ, (908)996-4769.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

Simmental heifers and bulls, show quality. (410)442-1546 evenings.

Simmental bulls, heifers & cow calf pairs, quality genetics. Call or visit, Lakeview Simmentals, Woodstock, VA. Only 3 minutes from I-81. 1-800-541-7496.

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Stock Cow & Bred Heifer Sale, 12/11-7PM, Bluegrass Market, Inc., Lewisburg, WV. See Public Auctions for Full Listing.

WANT Herd of 36-38 Holstein Cows. Enos Herschberger, RD1, Box 158, Atglen, PA 19310.

WATTS LOGAN SPRING ANGUS -Growthy, early spring calves -steers, Registered Bulls and Heifers. Cows bred to calve early 1992. Reasonable prices. Health and registration certificates. Come see or call. 814-742-8118. Box 10, Bellwood, PA. 16617.

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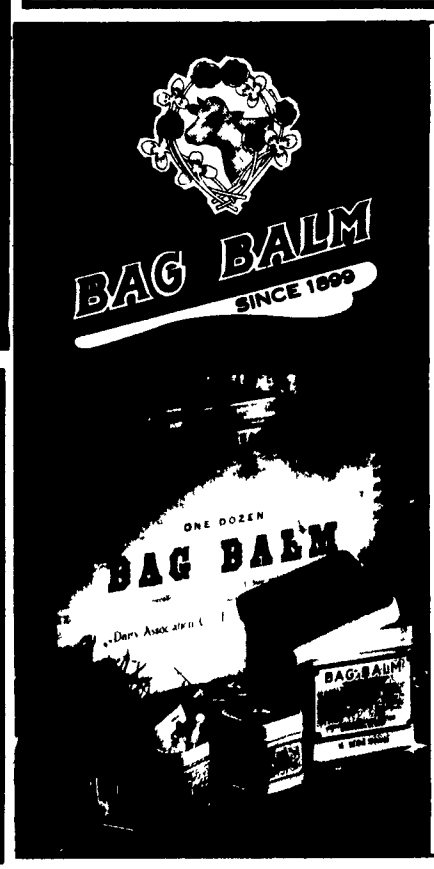

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4-H Raised Prize Winning Sheep plus supplies and equipment. 215/598-3357.

Bred ewes Feb/March lambing, some registered, Suffolk/Hampshire. (703)554-2048.

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Romneys from Handspinners Flock. Reg. Rams (2) 3½ yrs. 8 mo Reg Ewe 3½ yrs. Romney X Ewes 2 yrs., 5 yrs. Black Ewe, 7 mo Call 908/453-3653

11 SWINE

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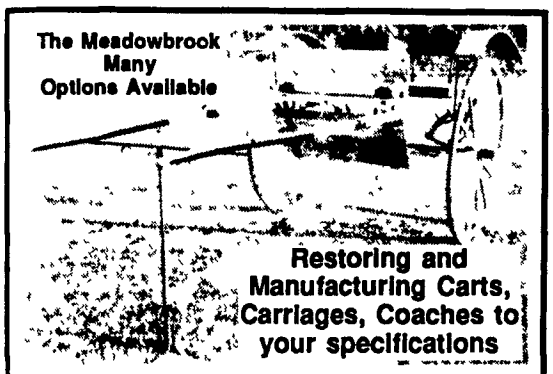
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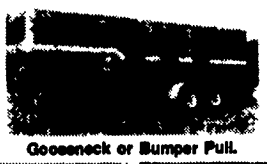
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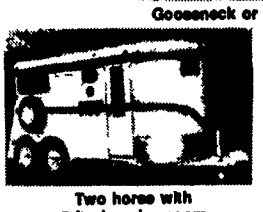
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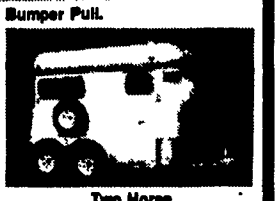
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Sale Order: Bred gilts, boars & open gilts.
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Daily Delivery to PA Farm Show & Free Delivery to Rochester NY January 25, 1992.

11 SWINE

13 HOG EQUIPMENT & SUPPLIES

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FRIDAY, Dec. 13, 1991
1 O'Clock P.M.

Please Note: My Last Sale, but will continue to have about 10 a mo. to sell private. If you place an order, I'll reserve them for you.

Located 1 mile off 472 midway between Quarryville & Oxford, Lanc. Co., PA, 1 mile S. of Kirkwood, turn west off 472 at Union Church (Street Rd.) follow St. Rd. 1 mile to Liberty Lane, left to Hill Rd. Right 1st farm.

Approximately 35 Head For This Sale

Due mostly last 2 wks. of Dec. some York & Hamp F1's, and Hess Mill 3 ways, a few due 1st week in January.

Remember all gilts 30 day test, health papers for out of state buyers. Vaccinated for Erysiplas & Rhinitis & E'Coli and Pasteueralla plus Ivomec. Hand mated with breeding dates.

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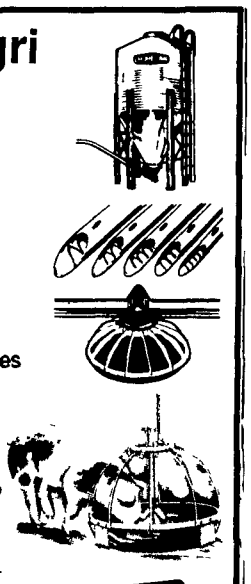

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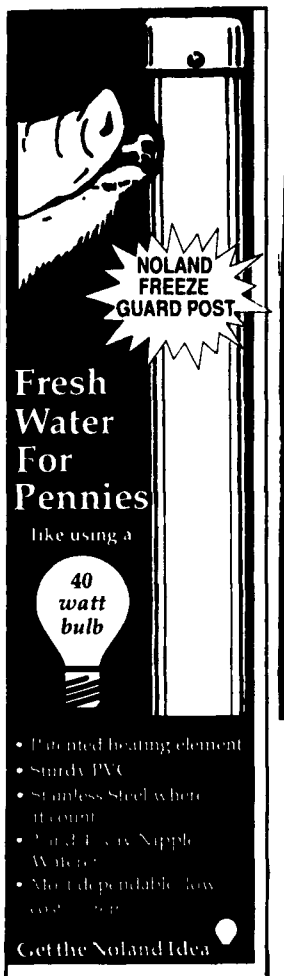

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13 HOG EQUIPMENT & SUPPLIES

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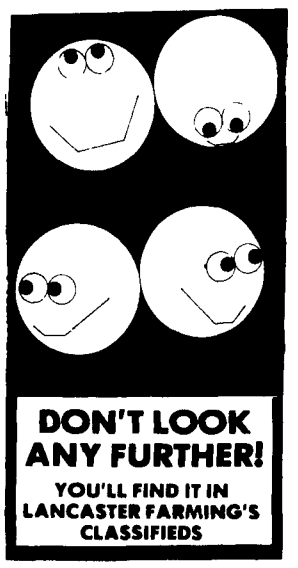

DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

14 POULTRY & SUPPLIES

(3) Female Swans, 7 months old. Call 717/665-5781.

Cash for Chucker, Quail, Squab, Silky, Rabbits, Muscovy Ducks, Mallard Ducks. BO BO POULTRY WHOLESALE MARKETS 718-386-1117 6am-3pm.

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Farmer Automatic, Cage systems for pullets and layers, 4-5-6 decks, 301-833-1840.

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Going Out of Business Sale: 50' 16" wide German Rod Conveyor; 1982 Diamond packer, 70cph, good shape, $2,500; Maxi-power generator with new electronic governor, service plan, $8,500; Ziggty Nipple System, 2 yrs. old, various chicken house parts. Washington County 301/432-5626.

14 POULTRY & SUPPLIES

Golden Sexlinks Pullets. 8 months old. Bucks County. 215-343-2247.

Incubators, 26-I for parts; 5 Jamesway 252 incubators hatcher combination. 717-733-0873.

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6-8 Months -
$1,500 Each
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13 HOG EQUIPMENT & SUPPLIES

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PIG HEAT LAMPS
BJ 209

SAVE A BUCK!

Heavy duty aluminum reflector complete with hanger and double-wire guard High heat porcelain socket with 18/2 SVT UL listed cord (round vinyl), 9' cord
Reg $5 99 Ea

SALE $4.99 Ea.
By Case of 10

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Custom Made To Your Specification STOP IN FOR PRICING

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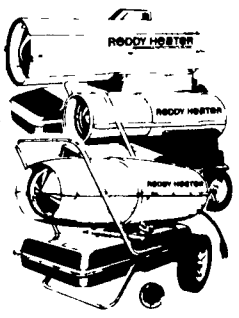

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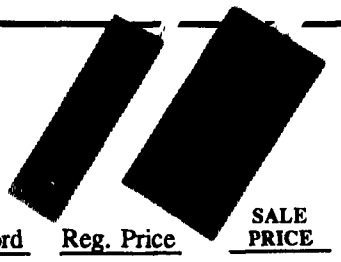

Size	Cord	Reg. Price	SALE PRICE
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15 Gal. Capacity
Capacity: 50 head beef, 25 head dairy, 30 horses, 1-8" opening. No. 33360
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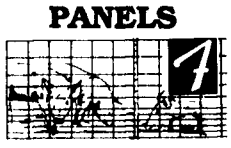

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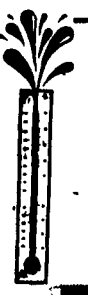

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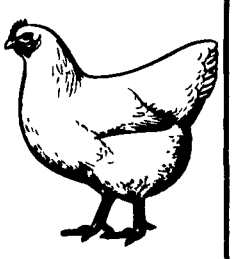

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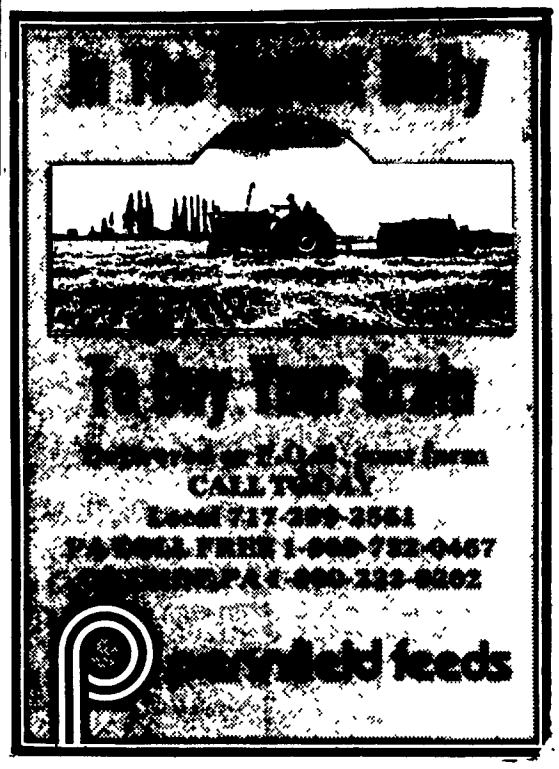

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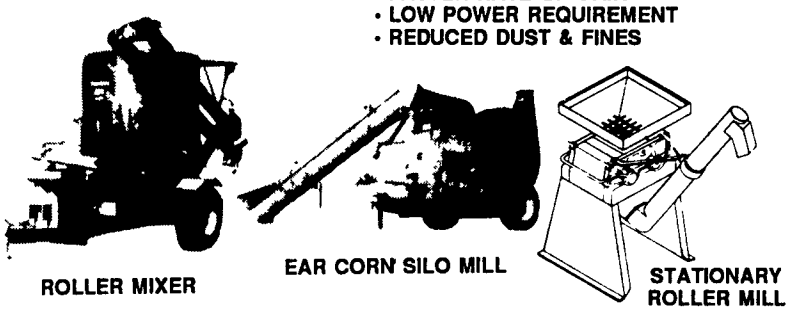

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17 PLANTS

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19 NURSERY

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Bark mulch and mushroom soil, trailer loads and smaller loads also available. Garman's Coal and Mulch Products, (717)653-9580.

Christmas Trees: Scotch Pine, choose 'n cut, $15, variety of sizes. Rt897 to Blainsport, follow Texter Mt. Road. Sat. & Sun. 8a.m.-5pm.

Dealers, quality sheared, cut, baled, Scotch Pine, Christmas Trees. 10EA discount on large orders. Bucks Co. 215-766-8557.

EVERGREEN SEEDLINGS & TRANSPLANTS
Spruce, Pine, Fir for Christmas trees & nursery stock
Write or call for price list
Croshaw Nursery, P O Box 339, Columbus, NJ 08022 or call 609-298-0477

200 Concolor Fir, hand sheared, excellent shape, 6'-15' also Concolor boughs available Phone (717)888-7638 after 9pm

Premium Christmas trees cut or dug Douglas Fir, Fraser Fir, Concolor Fir, and Blue Spruce (717)784-6655.

Thousands of Arbervite Yews, Junipers, Austrian Pine and Bradford Pear Call or write for price list J R.Nursery, RD1, Box 182, Allentown, NJ 08501 609-259-7225

TRANSPLANTED CHRISTMAS TREES WITH ROOTS
Ponderosa, Douglas Fir, Norway Spruce, Scotch Pine, Colorado Blue Spruce, Hemlock
$210/M Plus UPS, Delivery March 1st.

Give Jr. a Christmas Plantation with specially started trees. Twice pruned and twice transplanted. 25 for $39 Delivered. Send money with order. Trees delivered by March 15.
1-800-242-3437

CHRISTMAS TREES

FRESH TREES
Pa. Grown Douglas Fir, White Spruce, Norway Spruce, Scotch Pine and White Pine.

B AND B
Colorado Blue Spruce, Douglas Fir, Fraiser Fir, Hemlock, White Pine, White Spruce, Norway Spruce.

Cut Your Own Christmas Tree
Nov. 29 - Dec. 24 - 8-5 Daily
Come And Get Your Tree And Sign Up For A Chance At Free Cruise

Showers Christmas Tree Farm
630 Clearview Rd.
Aspers, PA 17304
(717) 677-6494-Rick (717) 677-8881-Clair

Lesley's Tree Farm

40 Acres of Saleable Spruce, Fir & Pine to 12 Feet
Choose and Cut
Open Daily
Three Locations
Located along the Scenic Chester-Octorara Reservoir on Rt. 472 4 miles West of Oxford, PA

Call 717-529-2126
Opening November 30th

MILK
DOES A BODY GOOD — AMERICAS HEALTH KICK
717-653-8846 MT. JOY, PA
M&R GRAINS, INC.
ROASTED SOYBEANS
DEALERS IN BARLEY, CORN & SOYBEANS
FITNESS YOU CAN DRINK

18 FRUITS & VEGETABLES

Fruit and Produce, Baskets and Boxes
Ask about our selection of colored Thanksgiving and Christmas baskets - 2 qts. to ½ bushel. Also, mailable gift boxes from ½ bu. to ¾ peck sizes.

Contact us for your produce packaging needs.
FRECON ORCHARD SUPPLIES
Box 118, Boyertown, PA 215-367-2933

SEEDLINGS & TRANSPLANTS
Quality Planting Stock For Over 35 Years
Large selection of Douglas Fir, Fraser Fir, Scotch Pine Hybrids developed at Penn State University, Canadian Hemlock, White Pine, Austrian Pine, Colorado Blue Spruce with a high percentage of blue color, and many other varieties. Write or call for our free 28 page catalog.

Carino Nurseries
P.O. Box 538, Dept. 34, Indiana, PA 15701
800-223-7075 toll free

20 LAWN & GARDEN

Bolens Tractor Attachments: Snowplow, snowblower, tiller for 1050. Call 215/822-6026.

21 SERVICES OFFERED

Animal Clippers- Parts and Service, on both Oster and Stewart brands, small appliances and power tools. Mt Joy Appliance Doctor, 1270 Milton Grove Rd., Mt. Joy, PA 17552, (717)653-2117. Hours 8-5 weekdays.

Art's Services
Slate Work & Other Roofing. Also Spouting. Any Size Job. 717-665-ROOF(7663)

Cattle hoof trimming. No Sunday calls. (215)345-0897.

Clipper Blade Sharpening: Cattle blades $2.50 per set, sheep and dog blades $3.50 per set. Guaranteed. Send to Aaron E. Beiler, 915 W. Main St., New Holland, PA 17557.

General Hauling, 14' van, weekly runs between Blair/Centre to Hsbg. area. M.H. Smith, RD4, Box-582, Altoona, PA 16601. 814/942-3821(Leave Message)

POLLINATION
Tony or Ellen B
HONEY BEE REMOVAL SPECIALIST. Wasps & Hornets. Venomous Insects. 1-800-47-STING

PROFESSIONAL HOOF TRIMMING: Over 20 years experience. Fast and accurate work. 70-100 cows per day. Increases milk production. Easy and gentle on the cows and farmer. No assistance needed. 717-755-0770 or 717-757-3378. Satisfaction guaranteed.

25 BUSINESS OPPORTUNITIES

21 SERVICES OFFERED

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

HERTZ-HAUL Custom Hauling and Spreading of Liquid Manure, 5000 Gallon Vacuum Truck. 215-286-9708.

Soybean seeds cleaned and bagged on your farm. NEWCOMER SEED CLEANING 717-653-4123.

22 CUSTOM WORK

Barns Built or Repaired. We do post and beam or conventional framing. Roofing, siding, also decks and additions. Call Hometown Builders at 215/369-0308.

Cash Buyer of Standing Timber

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Logging and Timber Management

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PORTABLE WELDING

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- Pa. State Inspection
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1301 LINCOLN ROAD
LITITZ, PA 17543

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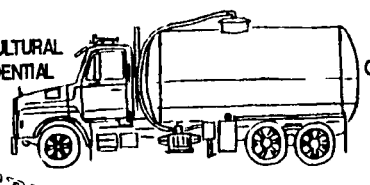
RESIDENTIAL



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Zimmerman's Custom Freezing
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Randy Keebaugh
Blair, Bedford, Fulton, Franklin, Huntingdon Counties, PA
Washington County, MD
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References

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Baling
4'x5' Bale
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With Our 24 Ft. Beavertail Trailer
Call 717-355-7992
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CEMENT MIXERS For Sale
Dealer Inquiry Welcome

- Hardware
- PTO Parts
- Fence Supplies
- Bearings
- Engine Oil
- Custom Built Trailers

AI Employment Opportunities

Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:

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1575 Apollo Drive,
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Neglect Now - Gives Problems Later
Try Our Experience, Let It Work For You!
Roofing - Siding - Spouting

Do It Now Before Winter Sets In

General Spouting
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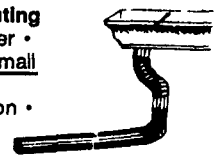

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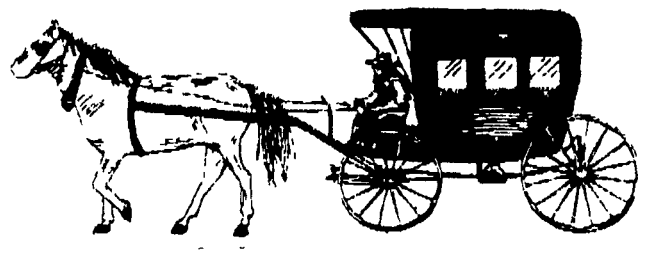
Wilmer R. Ebersol
58 Hellers Church Rd.
Leola, PA 17540
Quality & Service Comes First

Reserve Your Booth Now!
60,000+ Sq. Ft. of Market Space

Planned Opening - February 1992

Plus **Auction Area (22,000 sq. ft.) Adjoining Market**

Excellent Business Opportunity



GET IN ON THE GROUND FLOOR

- Open Friday Noon to 9 P.M.
- Saturday 10 A.M. to 9 P.M.
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- Special Holiday Hours
- Air Conditioned & Heated
- 10'x10' Booths (Expandable)
- Located in Bustling Montgomeryville, PA
- Plenty Off-Street Parking in an Illuminated Lot

WE SEEK QUALITY MERCHANTS:

- Bakery
- Meat Purveyors (incl. Poultry)
- Fruit & Vegetable Booths
- Restaurant or Snack Shop
- Nuts - Food - Candy
- Ice Cream & Yogurt
- Packaged Foods
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- Seafood
- Gourmet & Health Foods
- Auctioneers
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- Hardware
- Drug Stores
- Clothing
- Crafts
- Antiques
- Rugs & Carpets
- Furniture
- Appliances
- Cameras
- Variety Store
- Soft Pretzels
- Auto Accessories
- Dry Goods
- Shoes & Boots
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- New Products

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AUKER'S CUSTOM BAGGING

8 ft. Machines strictly power take-off
Preservers and applicators available
In liquid and powder

NC+ Seed Dealer America's down to earth seed company

John S. Auker 717-933-5224

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We custom build • brake and shop presses to your specs • Manufacture aluminum truck bodies • stainless steel welding • customize your tractor to a forklift • overhaul tractors and industrial equipment

Call between 7-7:30 A.M.
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Agriculture Manure Storage Pumping, Tank Cleaning And Spreading Service.

Residential Septic Tanks, Holding Tanks And Cesspools.

Commercial Sludge And Sewer Hauling, Handled In Large Amounts.

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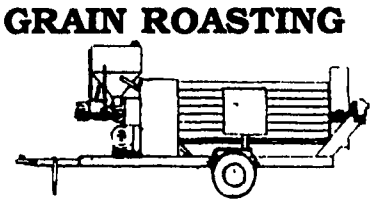

on your farm

- destorys mold
- removes moisture
- retards toxins

and

MOBILE MILLING

- textured feed
- electronic scales
- molasses
- vegetable oil

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Custom Milling & Grain Roasting
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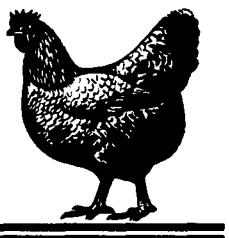

23 HELP WANTED

$35,000/YEAR PART TIME. Ag Related Field, For Free Information Please Call 208-733-2323, or write A.S.A.A. Box 186, Twin Falls, Idaho. 83303.

Assitant herdsperson needed for registered Holstein herd in central CT. Room, board, laundry, insurance, salary package offered. (203)668-7128.

Dairy Farm Route Truck Salesperson wanted. Dairy farm sales experience helpful. 717/367-1221.

Easy work! Excellent pay! Assemble products at home. Call toll free 1-800-467-5566 ext. 8079

Estate/Farm Manger. Hands on person for NJ 400 acre farm. Self movitated, decision maker. Salary attractive, house, bonus, send resume. Box 368, Whitehouse, NJ 08888.

Great opportunity. Herdsman or couple needed to manage 50 cow Gernsey herd and help w/field work w/possibility to buy herd or rent facilities, 717-464-2894.

Help for 1992 Summer and Fall Harvest. Prefer non-smoking and non-driking persons. Room and board furnished. 9600 JD's and KW trucks. 316-585-6478.

Help Wanted: 80 cow dairy farm. Southeast Chester County, PA. Must have herd management experience. House available. 215-857-5380.

Broodmare farm in Baltimore Co. has opening for settled man. Exercise, maintenance, excellent situation. Reference required. 301-771-4580 or Box 68, Butler, Md. 21023.

Mobile Feed Mill Operator, mechanical ability desired, business located in Southeastern PA, small house available to qualified person Send resume to Box B-36 %Lanacaster Farming, P.O. Box 609, Ephrata, PA 17522

Spray Truck Driver Wanted for full-time or seasonal work in York and Harford Counties, MD, good benefits, experience required. For appointment call Lebanon Agricorp 301/452-8144.

HELP WANTED
Welding
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Pequea Machine
3230 E. Gordon Rd.
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SALESPERSON WANTED

To sell to established dealers, prospective new dealers in Pennsylvania and nearby states. Wholesale seeds and agricultural products. Salary or commission.

Write to Box 204
Muncy, PA 17756
Or if experienced call
1-800-874-4803
for appointment or conference call

SOMETHING TO CROW ABOUT... LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!

23 HELP WANTED

Help Wanted

Milker needed for above average size dairy.
- **male or female**
- **excellent hours**
- **excellent housing**
- **w/normals provided.**

Lebanon County
Day
(717) 933-8551
Night
(717) 933-8622

Wanted

Responsible person preferably Christian to work on Franklin County Beef and Hog Farm. General farm work and part-time butchering. Flexible hours with time off. House available.

(717) 597-4470 evenings

24 SITUATIONS WANTED

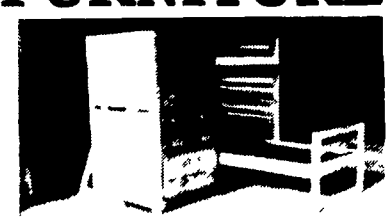
Non-Smoker/drinker, Christian farmhand in exchange for room/board. 717-225-6305

YOUNG COUPLE with dairy experience looking for dairy farm to lease with option to buy. Housing a must. Send replies to Box B-38, %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

26 HOUSEHOLD

COUNTRY PINE FURNITURE

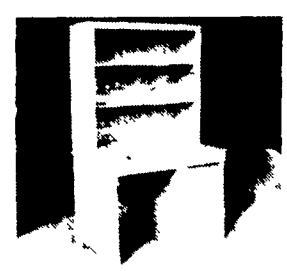
Bunkbed w/Saftey Rails and Ladder
$366 List Price
$160 Sale Price



Bunkbed Combination, 5 Drawer Dresser, Bunk Bed w/Safety Rails and Ladder
$785 List Price
$375 Sale Price

Toy Box
$120 List Price
$58 Sale Price

Night Stand
$80 List Price
$54 Sale Price

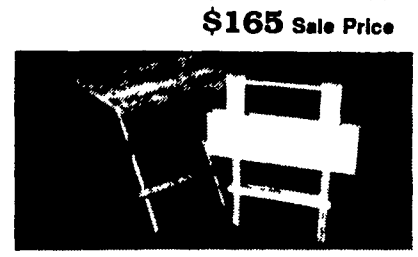


Desk w/Bookshelf
$334 List Price
$165 Sale Price

Oak Furniture

50" Round Table	$350.00
48"x72" Oval Table	$425.00
Bow Back Chairs	$85.00

Lawn Furniture And
6x8 Victorian Playhouse On Sale



Oak Folding Tables
$50 List Price
$27 Sale Price

BEECHDALE WOODWORKS
552 Beechdale Rd., Bird-in-Hand, PA 17505
717/656-4374

25 BUSINESS OPPORTUNITIES

GENTLE EARTH is a clean earth alternative and a newly launched marketing (MLM) compnay with environmentally safe household products. Lucrative income plan. For free audio cassette 717/898-9434.

Investors. $88,000 First Mortgage Loan for sale, 11% interest return, will sell at discount. Property value $115,000. 215/326-8344 Days, 215/327-9088 eve.

Millwork and General Contracting Shop: 9000 sq.ft. operating shop includes machines, trucks, wood inventory. 1A, rural town; Upper Dauphin County. Living quarters on property. $220,000. Write: Box R-52, c/o Lancaster Farming, POB 609, Ephrata, PA 17522.

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

Yogurt processing business for sale. Good opportunity for the right person Write to Dutch Country Yogurt, 731 Nottingham Rd., Peach Bottom, PA 17563.

FOR SALE
PAPER SHREDDING SYSTEM
Two Man Operation, Complete With Shredder, Baler, Electric Controls and Dust Collecting System
Call 215-273-2657

FOR SALE
(HUNT. CO.)
$1,000,000.00 Plus
Business Opportunity

1. Feed Mill (Well stocked with good business)
2. Tractor Implement Supply Business (well stocked).
3. Pro Hardware Business (well stocked)

The above businesses are to be sold complete with inventory, tractors, trucks, land, equipment, buildings, house, tools, etc.

Smooth transition & financing to the right buyer. Excellent opportunity for two families, owner retiring.

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Box 672, Rt. 522
Shade Gap, PA 17255
814-447-3388 Home
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Firewood -mixed hardwood. Call for prices and delivery. 717-362-9096.

Pioneer Maid airtight wood-burning cookstoves. Cunningham wood/coal combination heaters Use anywhere. Two sizes in stock. HOMESTEAD, 991 Fivepointville, Stevens, PA-17578

Two Maytag wringer washers for sale. Call (215)687-1418 between 8-9 am, 4-8 pm, Monday thru Friday.

Used "Shanandoah" Wood/Coal Stove, "Warm Morning" and "Fisher" Wood Stoves 215/445-6995.

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

AKC Boston Terriers, 1 yr. old male, 3 yr. old female and 4 month old male, $150 each. Also 1 yr. old AKC pug male, $150 (717)865-3488.

AKC Chow Chow, female, will be 2 Jan. 25, color red, out of good breeding stock. $200. Call 717/463-2036 Ask for Steve or Ruth.

AKC Dalmation Puppies, shots and wormed Sch County, PA 717-739-4550.

AKC Golden Retriever Puppies Great Christmas Gift. Ready December 21st. Call 717-362-4265.

AKC Samoyed Pups, seven weeks, shots, wormed, fluffy white teddy bears, $250 215/445-7931.

Australian Cattle Dogs, triple registered, reds and blues, guaranteed to work, pups available now 717/267-0394.

AKC German Short-haired Pointers, born 10/4, excellent blood line. (717)536-3339.

Australian Cattle Pups--red and blue heelers, $50. Male and female, on farm, 7-weeks old 12/15. Daniel E. Zook, 326 Hammertown Rd., Narvon, PA 215/445-6169

Border Collie, 2 males, from working parents with cows or sheep, partly trained. Also Boxer pups. 215/273-3487 No Sun. Calls.

Farm raised AKC Standard Poodles, male $150, female $200. Shots and wormed Also Reg Persian kittens. Phone 717/545-7128.

FOR SALE: Aust. cattle dog puppies (Heelers) Red in color, born 10/4, one red spreckled male, AKC, NSD, and ARF Reg, 1st shots, wormed, Vet checked Championship bloodlines, parents can be seen. These are nice pups. Will hold for Christmas 717-899-6481 after 7PM or leave message.

AKC Black Lab pups, field and show champion bloodlines. (717)738-4946.

AKC Boston Terrier Puppies, Brindles full white collars, shots, wormed. 717/567-3554.

Golden Retriever Pups, adorable Christmas gifts, AKC quality, great for kids, reserve now, bring home in January. 717/564-7199.

Green-wing doves, cockatiels, parakeets, love birds, other birds available. (717)292-7340.

Jack Russell Terrier, female, registered, born 9/20/91, smooth coat, shots, wormed, parents on premises, family pets, $300. 215/582-5910 Berks.

Miniature American Eskimo Pups, UKC, M-$175, F-$225. Sheltie Pups, AKC, M-$150, F-$200. Shots/wormed. Can hold for Christmas. John Stoltzfus, Box-14, Broad St., Honey Brook, PA-19344 215/273-2294 7-7 30PM

Pair Peach faced lovebirds, nice cage accessories $125 OBO 717-755-2337.

Registered Australian Cattle Dog pups, working parents, excellent disposition, ready 1/2/92, 5 reds, 2 blues. (301)842-2578 evenings.

Two Austrialian Cattle Dog Pups, Males, very good farm dogs, $50. 717/354-7194.

14 Cocker Breeders, each 9 months to 5 years, $50/each; Dog kennel 48' long with 3' box and 6' wire run, size meets new federal standards; 4 stainless steel cages, 3' high 4' wide 34" deep, $100/each, Call 717-345-2656.

2 year old registered English Setter, female, tri-color, best offer. Frederick Co. 301/271-3051.

31 NOTICE

WATER RAM information booklets send $10.00. G.Kotula, 3037 Merritt, Reading, PA 19608-1013. FALLING WATER PUSHES WATER UPHILL.

32 MISCELLANEOUS

Meat Grinders, Bandsaws, Slicers and Tenderizers. New spliting saws, only $249. Gerry Grundy, Doylesburg, PA on RT 75, 200 yds. North of Rt. 274. Open Saturday and Sunday 10AM to 4PM. 717-349-7654; 215-549-7584 Evenings.

Model 1420 Ditch Witch trencher, very good condition, ready to work. Call 301-898-0090 or 301-271-3270.

Model 760 Remington Gamemaster 270 Pump (older model); Model 870 Wingmaster Remington 12 Gauge Pump. 717/582-2352.

RABBITRY: New Zealands in new 40 unit cage system w/nesting boxes, dishes and feeders. 717/365-3107.

Refrigeration Equipment F-12 Freezer and Cooler Compressors, 3HP, 1PH, cooler units, walk-in freezer and cooler doors. Cheap. Chester Co. 301/398-2948.

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock. 30 Day Free Trial! 1 Year Warranty. Call For Low Prices. 1-800-445-4669 Terre Hill, Pa.

32 MISCELLANEOUS

SNOW PLOW: Western 7'-6" with angle plowing (fits 89 full size Blazer) like new. 215/432-4811 Andy.

TIRONIE'S TARPS. SHIPPED ANYWHERE. 1-800-874-2928.

WANTED: 1 or 1¼ HP meat grinder. 215-754-6298.

WANT: Finn pipes for greenhouse, 4¼" finns in 1½" pipe or larger. Can be aluminum or good steel. Write: John Lee Peachey, RD#1, Box108, Belleville, PA 17004.

Wanted: Meat Grinder, complete unit, 2-5 HP. Berks Co. 215/682-2668.

Winross Fire Company Trucks. $40 Regular, $60 Special. Place orders now, delivery 1992 Durlock Mt.Airy Fire Company 717-733-8181.

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times. Visit our large display during business hours. Wengers Farm Machinery, Inc., 251 S. Race St., Myerstown, PA 717/866-2130.

FLOORING: (600) sq. ft Oak Parquet Flooring (color walnut), $1.35 sq. ft 215/432-4811 Andy.

Horse drawn carts, buggies, solid and fringe top surrys and wagons ranging from $1000-$5000. New, used, reconditioned. Call or send SASE for list (603)483-8468 Durand, 156 Calef, Auburn, NH 03032.

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AKC Registered. Will Pick-up Entire Litter Anywhere in PA
717-584-2718
Call Between 6-8 PM

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POT BELLY PIGS
Registered Excellent,
Housebroken,
Nice Christmas Gift
$50 to $150
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FOR SALE
$150 Each
Black or white
Male or Female
Buy 5 or more and get a 20% Discount
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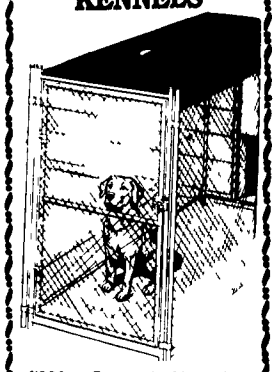

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31 NOTICE

WANTED: $40,000 for three years, will give first mortgage on 18 acres of prime Lancaster County farmland w/rental building. (717)354-5922.

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9-3 Monday thru Saturday

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82 Gal. Hot Water Heater
Microwave Oven built-in type
Electric slide in 3 burner stove w/oven
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1¼ glass Agway milk pipeline, used until October 20, 1991, good condition
20x70 Harvestore structure
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KITTENS WANTED. Siamese, Persian and Himalayan Bought All Year (Mixed Breed Kittens Bought November Thru April)
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32 MISCELLANEOUS

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Roller and skate conveyors.
New and used office equipment.
Delivery available.
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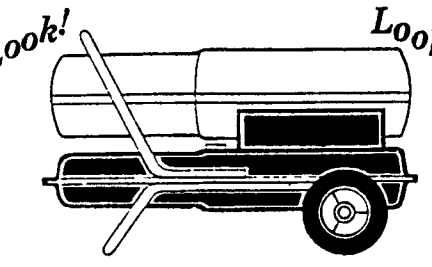

Air Operated Reddy Heaters
Now You Can Work Confortable In Cold Weather.

These heaters are assembled and filled with kerosene at no extra charge, if ordered before Christmas, 1991.

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Die Hundeman mit die Geld fer die Hunde.
Purebreds, Mixed Breeds and barn yard specials to 8 weeks in litter lots only. Pick-ups most Tuesdays in Lancaster, Lebanon and Chester Counties and most of Central Pa. right at your barn yard.
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34 AUTOS

1988 Dodge Daytona
PS, PB, AC, Tilt, AM-FM, Stereo, AT,
Extra Nice Car
$3,850
717-865-3488

32 MISCELLANEOUS

10,000 Yale forklift, 375 amp electric stick welder, 200 amp Hobart 4 cylinder stick welder. Wood fireplace insert. (215)593-6112.

1972-"Stricker" Sport Fisherman, 38', full electronics/safety equipment for canyon fishing, new power, captain maintained, clean, a steal for $74,500. 302/645-2226.

30 KW diesel genertor, 36" Taniwitz bandsaw, Marvel #8 metal cutting bandsaw. (908)938-3342.

College Scholarship Sources. Up to date legitimate factual. Write to: Mr. Read, POB 39, Narvon, PA 17555.

Cookstove for sale Green a Cream, warming closet, wa jacket, Best reasonable off 717-838-5215 after 3pm

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Meat Cutting Band Saw w/ grinder, $310. Call 1-800-445-4669

JD 1½ horse hit & miss gas engine, runs good, best offer. **(717) 529-2528**

Mounted, fiberglass or life-like full cow or calf for nature exhibit. Also need bear, deer, wildlife, turkeys and game birds. **Call Collect (609) 235-7310**

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Harley Davidson, 1931VL Baskett Case, eng. trans., frame wheels $1200. 215-766-0242.

Horse drawn carts, buggies, solid and fringe top surrys and wagons ranging from $1000-$5000. New, used, reconditioned. Call or send SASE for list. (603)483-8468 Durand, 156 Calef, Auburn, NH 03032.

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34 AUTOS

'79 Volvo, 244 DL, black, 75K, very good condition. 717-733-0873.

35 TRUCKS & TRAILERS

1979 "Tri Star" Gooseneck Trailer 8'x20', $1,500 firm. 215/445-6995.

1979 White twin screw w/AC, 290 Cummins engine, new rubber, new batteries, good runner; 40' Walingo aluminum combination cargo and livestock trailer used w/approx. 6000 miles. Call for more information. Cost New $28,000. 717-398-0477. Ask for Ed, Sr. 6-7PM.

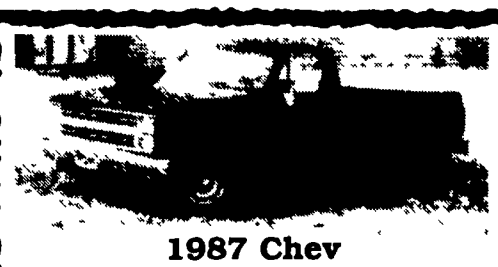
1970 C50 Chevrolet Truck w/2 speed rear, 14' grain dump, newly rebuilt 350 engine, 21,000 GVW

1989 Chevrolet K-3500 extend-a-cab, 4 WD truck w/10' bed, 4' roof rack, 38,000 miles, 454 auto, air, loaded. Set up for pulling gooseneck or conventional.

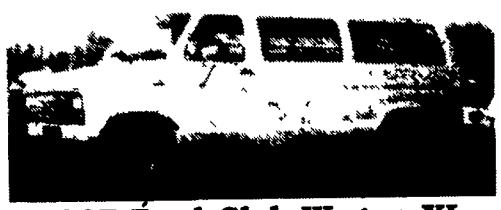
1988 Ford Super Duty F-450 Truck, 5 speed w/OD, 460, 12' bed w/roof rack, 65,000 miles, set up for towing.

1988 GMC truck w/11' bed, 350 automatic, 38,000 miles

717-345-4882



1987 Chev
FI, 6 Cyl., AT, PS, PB, AM-FM, Bed Liner, Real Clean Truck
$4,995
717-865-3488



1987 Ford Club Wagon XL
V8, AT, PS, PB, AC, 12 Passenger, Good Condition
$5,800
717-664-2170

1986 Aerostar XL
7 Passenger, 5 Speed, PS, PB, AC, V6, 60,000 Miles
$4,995
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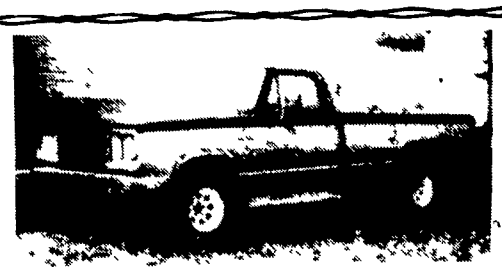
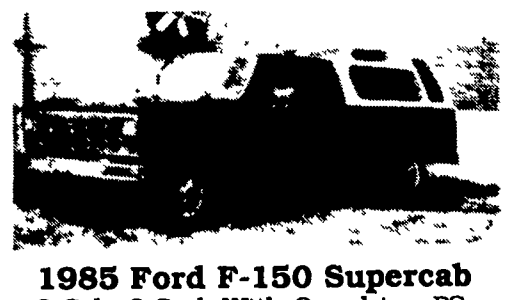


Dodge Power Wagon
4x4, V8, AT, PS, PB, AM-FM, 78,000 Miles
$2,450
717-865-3488



1985 Ford F-150 Supercab
6 Cyl., 3 Spd. With Overdrive, PS, PB, Extra Clean, New Radials, New Cap
$3,850
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Ford 1988 F350 XL Series Super Duty
Dual Wheel, Custom Made Pulling Machine

Hillsboro Trailer
28' Flat w/5' Beavertail, 24,000 GVW, Electric Brakes, 10 Ton Electric Winch

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1986 Chevy Beauville Window Van, 5 passenger, 6 cyl., automatic, 16,000 mi
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1992 FORD CF-7000 CAB & CHASSIS
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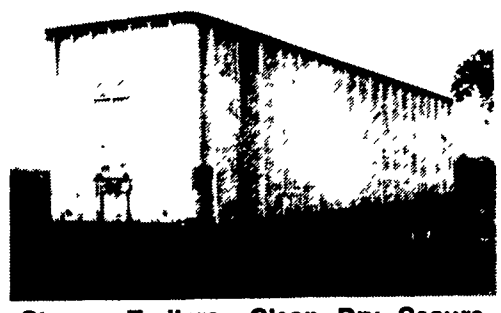

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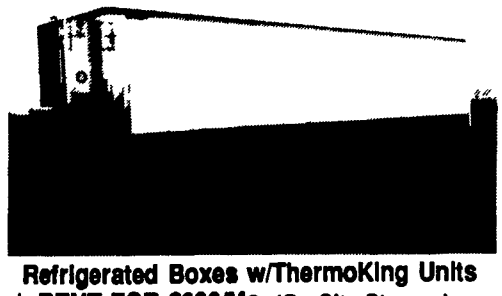
★ BUY FOR $1,400



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- 1984 Monon FRP 48x102 Slider, Swing Doors
- 1980 Budd Drop Deck 48x13'6" Side Door
- 1980 Budd 45'x13'6" Rollup Door, Lo Pro 24.5R
- 1977 Trailmobile 45'x13' Insulated Potato Trailer..... $2,950

FLATS

- (4) 1988 Utility Flats, 48'x96" Sliders, 11R 22.5 On Disk
- 1987 Trailmobile 48'x96" Slider, 11R 22.5 On Disk
- 1984 Vulcan 48'x96" Slider, 11R22.5 On Spoke..... $7,250
- 1985 Utility 45'x102" Slider, Winches, New Paint
- 1977 Hobbs 42' 10x20..... $3,750
- 1973 Fruehauf 40' 10x20.....$950
- 1978 General 42" Drop Deck

CALL US TODAY!

1982 Gilmore aluminum dump trailer, 34' length, roll tarp, w/2-way gate and coal chute, very good condition (609)691-2134

1982 Int'l S2200 with 24' refrig body, liftgate, 240 Cummins, jake brake, GVW 52,000, 3 yr. old ThermoKing auto stop/start. Will separate, $16,200. Call 814/766-3719.

1983 Ford F350 pickup truck, 6 9 liter diesel, 4x4, standard, good condition, $5000 OBO. 301-387-7485.

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1987 Shoop 4 Horse Gooseneck Trailer, low miles, good condition, side load 215/759-4810

22' Eby aluminum gooseneck cattle trailer, excellent condition. Call for details 609/299-4952.

(2) 391 Ford Engines to be rebuilt, $350 each. Ford 5-spd. transmission, $400. 392 Int. Engine, $400. 392 rebuilt engine, $1,000. 1977 F750 Ford 18' flat dump, new engine, new paint, $6,900. 301/287-9352.

24 foot tandem enclosed trailer aluminum construction diamond plate floor, 8' by 6'6" high rear ramp front side entrance, right side window opening, $6,500 (215)932-8786

'65 Int 14' grain dump body, insp. good condition, 21,000 GVW, $3000 OBO 717-872-5514 after 5PM

'68 Ford 700 Cabover and Chassis, inspected, $1,000 OBO 215/593-5574

7200 gal Aluminum Tank Trailer, good tires and brakes, $3,000 302/398-8754.

'79 Chevy Pickup, 350, AT, new inspection, new tires, VG condition, must see and drive 717/665-4743

'86 Chevy G20 Cargo Van, 305 auto, PB, PS, air, AM-FM stereo, rally whls., 47,000 miles, 1 owner, excellent condition, $6,950. 717-733-2873

'86 F-350 Dually, 6.9L, 10', excellent, $7,500. 717/823-1295 Anytime.

'86 GMC 3500 dual whl. w/9' Omaha standard stake body, 350 auto., PB, PS, AM-FM, dual tanks, excellent condition, $6,950. 717-733-2873

'87 Chevy C30, dual whl w/9' Stahl utility body & ladder rack, 350 Fl., 4 spd., PS, PB, AM-FM, 34,000 miles, red, excellent condition, $9,700. 717-733-2873

'87 Ford F250 Super cab, diesel, stick, A/C, $5,995 (717)665-3551.

'88 Chevy 3500, dual whl w/9' fully enclosed utility body, 454 auto., PB, PS, air, AM-FM stereo, dual tanks, 51,000 miles, excellent condition, $9,200. 717-733-2873

'89 Dodge B350 Maxi Cargo Van, 318 auto., PB, PS, AM-FM stereo, 7,500 GVW, Michelin radials, excellent condition, $8,975 717-733-2873

'89 Dodge D250 HD, ¾ ton, 4x4, 360 auto., PB, PS, air, AM-FM stereo, 8,510 GVW, Michelin radials, blue, $8,975 717-733-2873

'89 Ford Diesel 4x4 F-350 Lariat. 717/548-3726.

8x16' Deck Over Trailer, 12,000 GVW, $1,250. 215/589-2787

1973 International pickup with plow, runs, needs body work. Best offer (215)935-2607, (215)935-2050, (215)935-9432.

1975 Int 1600 Series, Cab and Chassis; 1978 Int. 1800 Series w/466 Int Dsl, good condition. 215/932-2767.

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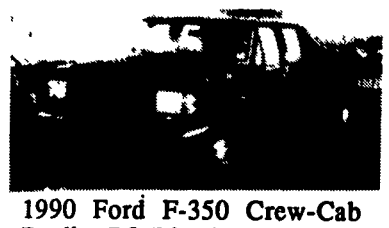
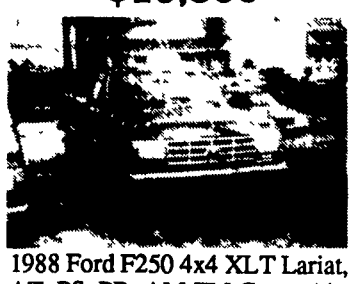
1987 GMC Sierra Valley 4x4, Dually AT, PS, PB, Air, AM-FM, 454 Engine, Bedliner, Runs Great

$10,500



1990 Ford F-350 Crew-Cab Dually, 7.3 Diesel, 5 Spd., PS, PB, AC, AM-FM Stereo Cass., Dual Tanks, 33,000 Miles

$16,500



1988 Ford F250 4x4 XLT Lariat, AT, PS, PB, AM-FM Cass., Air, PW, PDL, Cruise, Tilt, 460 FI, 41,000 Miles **$12,900**

1988 Chev ¾ Ton Pickup, 350 FI Auto, PS, PB, AC, AM & FM Stereo, Two Tone Blue & Silver, 47,000 Miles

$9,400

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1976 International Fleetstar, Automatic	35,000 GVW	$ 7,500
1978 Ford NL-600	19,500 GVW	$ 1,900
1984 Dodge Ram w/12 Ft. Van Body	10,000 GVW	$ 4,500
1982 International 1700	SOLD	24,500 GVW

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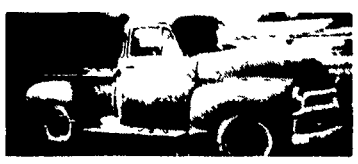
1992 UD 1300, 5 Speed	13,000 GVW
1991 UD 1100, 5 Speed	11,000 GVW
1991 International 4600LP	21,440 GVW
1990 International 900	32,900 GVW
1990 International 700 (Only 1 Le	SOLD 29,000 GVW

ASSORTED NEW AND USED TRUCK BODIES FOR SALE!

USED TRUCKS



55 Chevy PU, 5 Wndw Cab Style, 6 Cyl., 3 Spd., Gd. Running Cond., Easy To Restore.

$1,990

72 Fruehauf 43' Flat, Tandem Axle.

$2,300

New 1991 5 Ton Tag-A-Long, All Wheel Brakes, Adjustable Hitch, Adjustable Ramps, 16' Bed.

$1,895

90 GMC Topkick, 2,000 Mi., Flatbed w/Dump, Like New Cond.

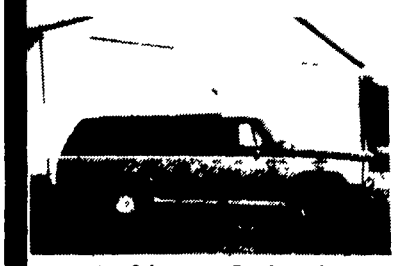
$22,000

1972 IH 34' Bucket Truck, V8 Gas, Automatic, Works Good, Clean Unit.

$5,900

1972 Chevy C60 Bucket Truck, 41' Reach, V8 Gas, 5+2, PS, Outriggers, Insulated Upper & Lower Boom, Insulated Bucket, Jib, Works Good.

$7,750



1988 Chev. Suburban-Silverado- 4x4; 350 EFI, Privacy Glass- Running Boards, Auto, CC, Pdl., RWD, Dual Air, Tilt, AT Tires, AM-FM Cassette, PW, 2 Captains Chairs, 8 Passenger Seating, 2 Tone Blue, 62-K Miles, New Inspection, AT Tires, 74 Codes In Glovebox.

$14,500

1985 Ford E350 16 Passenger Bus, Dual Air, Dual Heat, 460 V8, Auto, Crome Bud Wheels, Radio, Dual Tanks, Current Inspection, Runs Good.

$9,250

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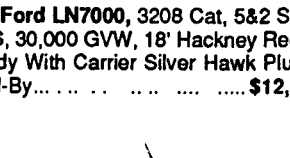
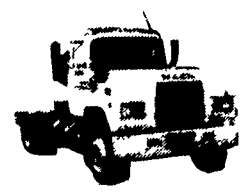
85-88 Ford LTL9000 400 NTC, 13 Spd., P/S, A/C, Neway Air Ride, Slpr..... **Starting at $21,000**



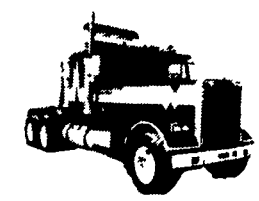
85 Ford LN7000, 3208 Cat, 5&2 Spd, P/S, 30,000 GVW, 18' Hackney Reefer Body With Carrier Silver Hawk Plus & Std-By..... **$12,900**

86 KW, W900B, 300 NTC, 7 Spd., P/S, A/C, Hend. Susp., Low Miles, Very Clean..... **$21,500**

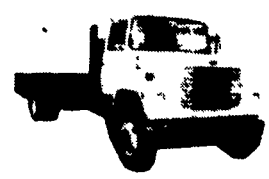


85 Mack U-Model, Single Axle, 250 HP, 5 Sp. P/S, Spr. Susp., Very Clean..... **Reduced to $10,000**

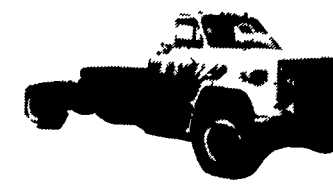
87 T600 KW, NTC 400, 9 Spd. OD., P/S, A/C, 8 Bag Air Ride, Super Clean, 40" Slpr: ..... **Reduced to $27,500**



85 Frt/Lnr, NTC 350, 9 Spd., P/S, A/C, Spring Susp., 40" Sleeper, Very Clean..... **Only $15,000**



85 Ford LN8000, 3208 Cat, 5 Spd., P/S, A/B, 30,000 GVW, 22' Platform With L/G, Low Miles..... **Reduced To ~~$10,000~~ $9,500**



77 GMC, 427, GM Gas, 5&2 Spd, P/S, A/B, 35,000 GVW, 16' C&C..... **Reduced to $3,500**

McDONNELL DOUGLAS TRUCK SERVICES

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1973 Freightliner, CO, 903 Cummins, 9 speed, tandem, PTO, good rubber, $3500; 42' flatbed trailer, as is $300. 717-532-9472.

1973 Dodge 4 WD, 3/4 ton, steel bed pickup. Dual fuel tanks on bed. Tool boxes, power steering, front and rear hitches, new tires, snow plow, 51,000 miles. Best offer. 1(800)643-7056 MD.

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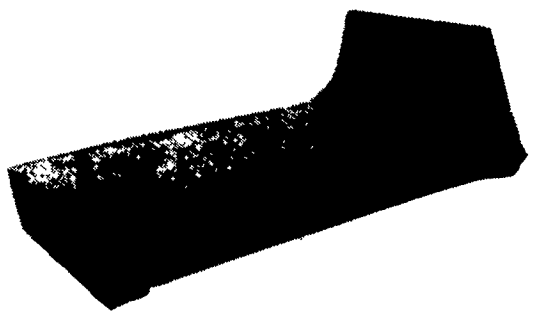
1977 RL700L Mack, 300+, 13 speed, wet line. (717)653-9175.

TRUCK BODIES



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LENGTH	WIDTH	RAIL WIDTH	LIST
7 Ft.	66" or 78"	34, 38 or 40"	$575
8 ½ Ft.	80" or 90"	34 or 38"	595
10 Ft.	90"	34 or 38"	725
11 Ft.	90"	34 or 38"	850
12 Ft.	90"	34 or 38"	960
14 Ft.	90"	34 or 38"	1050
16 Ft.	90"	34 or 38"	1200
18 Ft.	90"	34 or 38"	1400
20 Ft.	90"	34 or 38"	1600

Standard Features Include:
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Diamond Plate Steel Floor or 2" Wood Floor

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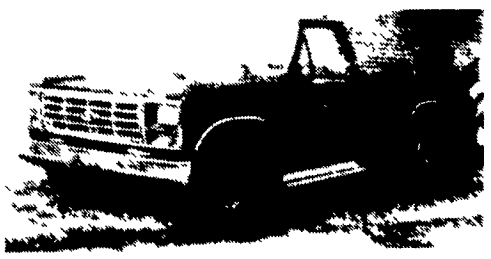
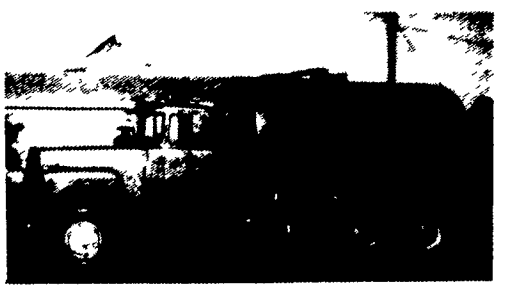


1986 Ford F-150
6 Cyl., 3 Spd, With Overdrive, PS, PB, AM-FM, Real Nice
$3,650
717-865-3488



81 Mack
44,000 Rears & Cat 3406 Engine
4250 Gal. Vacuum Tank, Isuzu Diesel or Vacuum Pump
In Good Condition
$32,000
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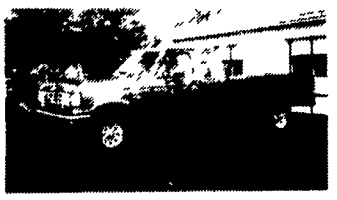

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4x4 SUPER CAB
302 EFI, 5 Speed, PS, PB, Air, AM-FM, Dual Tanks, Lock Out Hubs, 17,000 Miles, With Bal. Of Factory Warranty, Ex. Cond.
$13,500

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4x4, 350 Auto, PS, PB, 8500 GVW, Limited Slip Differential, 6,000 Miles, With Bal. of Factory Warranty, Like New
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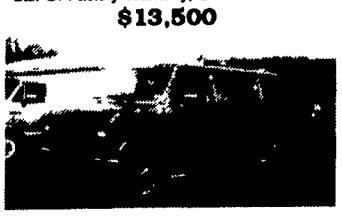
½ TON 4x4
4.3, V6, H.D., 4 Speed, PS, PB, 18,000 Orig. Miles, BLue, Local, 1 Owner, Ex. Cond.
$8,975



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12 Pass., 351 EFI, Auto, PS, PB, Dual Air & Heat, AM-FM, Dual Tanks, Privacy Glass, Charcoal, Ex. Cond.
$11,500

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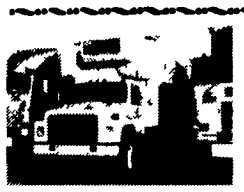
'79 Int'l S1724; 345 Gas; 5+2; PS; 20' Box w/Roll Door; Truck Is Ready To Work
$4,500

'86 Ford F350; 6.9 Diesel; 4 Spd, P/S; 12' Bed w/Power Liftgate
$5,500

'78 White Xpeditor II; NTC 290 Big Cam II; 9 Spd, PS, 20,000# F/A; 44,000# Rears; Hendrickson Susp; PTO Pump
$6,800



'84 Int'l S1954; DT 466; 5+2; PS; Double Frame; 35,000# GVW; 20' Gas Reefer Body, Will Separate. Very Clean Truck
$10,900

(11) '72-80 Autocar Air Ride Tractors; Cat Power (425 HP); 13 Spd; PS; Excellent Radial Rubber
From $6,000

(40) '73-'80 Fruehauf Chip Trailers 40'-45' Double Posts & Crossmembers
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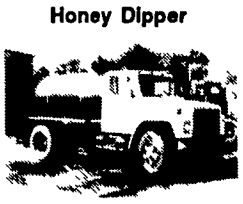
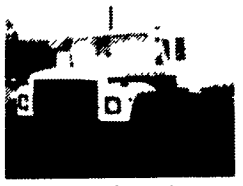


'86 Int'l S1700; 9.0 Diesel; 5 Spd;p PS: 1000 Gallon Suction Tank; Good Clean Truck



'81 S1854 & 82 S1954 Int'l Cab & Chassis, DT 466; 5+2; PS: Double Frame; 35,000 GVW PTO Pump
$6,800

'84 Utility 45' Drop Deck Flat $8,000

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'85 Utility 48'x102" Dropdeck Flat Air-Ride
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'79 White T/A Tractor; 290 Cummins; 10 Spd; PS
Only $4,800

'81 Chevy Custom Deluxe 30 Weld Truck; Gas; AT; PS
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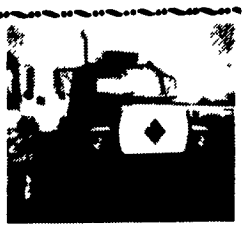

'78 Ford LNT 9000; Silver 6V92TA; 10 Spd, PS; AC; Excellent Rubber
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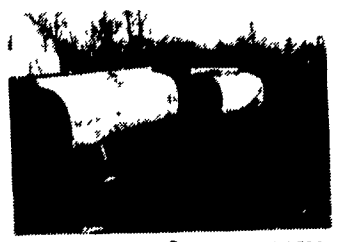

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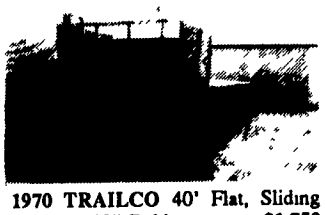
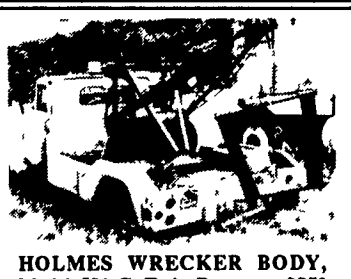


1970 TRAILCO 40' Flat, Sliding Tandem, 22" Rubber, **$1,750**



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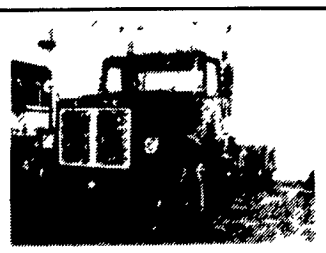

77 WHITE RB 2 TT, 8V-71 Detroit, 10 Speed, 134C Rear with Neway Tag Axle, Air Assist Steering, Good Runner **$3,250**

1982 GMC 7000, 366 Engine, 5 Speed, 22' FRP Van **$2,950**

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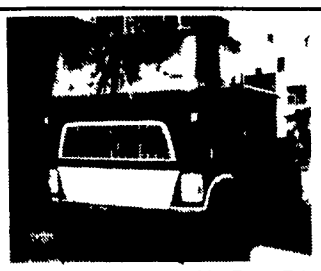
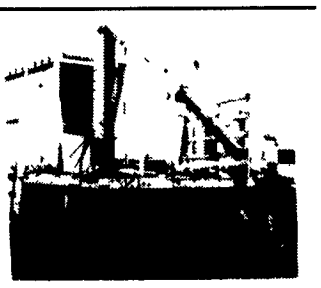


1978 FORD CLT9000, Day Cab, V6-92T, 6 Speed, 38 Rears, State Inspected, Runs Good **$2,950**



1986 IOWA MOLD TOOL CO. Hydraulic Swing Crane With Outriggers, 5000# Capacity **$3,500**

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1989 Eagle Premier LX 4 Dr., V6, AT, Loaded, 59,000 Mi..... **$6,900**
1988 Renault Medallion DL 4 Dr., 4 Cyl., AT, AC, CR, Tilt, AM-FM, 39,000 Mi. **$3,800**
1988 Chevy Beretta GT, V6, AT, AC, CR, Tilt, AM-FM, 59,000 Mi..... **$6,600**
1988 Chevy Cavalier 4 Dr, 4 Cyl., AT, AC, AM-FM, 44,000 Mi. **$5,900**
1988 Chevy S-10 Blazer Tahoe 4x4, V6, AT, AC, AM-FM Cass., 69,000 Mi..... **$8,900**
1988 Honda Accord DX 4 Dr., 4 Cyl., AT, AC, CR, Tilt, AM-FM Cass., 49,000 Mi..... **$7,900**
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1987 Toyota Pickup 4x4, 4 Cyl., 5 Spd. AC, AM-FM, 48,000 Mi. **$6,600**
1985 Pontiac Trans Am 305 V8, 5 Spd, AC, T-Tops, PW, Power Seat, AM-FM Cass, 59,000 Mi..... **$4,900**

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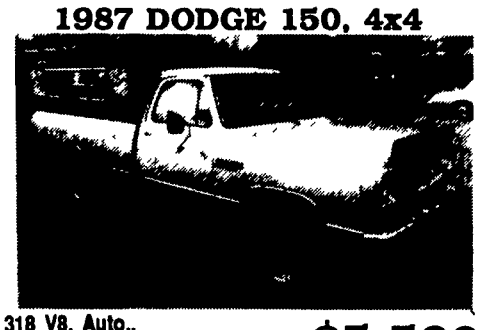
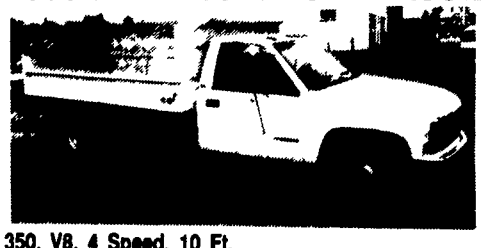
305 V8, PS, PB, 69,000 Miles **$4,200**

1987 DODGE 150, 4x4



318 V8, Auto., PS, PB **$5,500**

1990 CHEVY 3500 DUMP TRUCK



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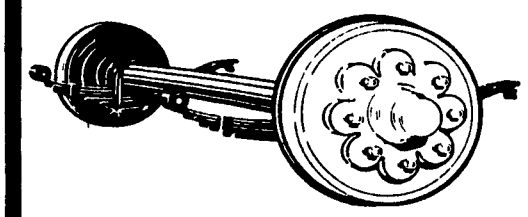

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1986 Ford LN8000 18' Reefer w/Thermo King Diesel Unit, 3208 Cat Dsl, 5 Spd Trans, Ready To Go To Work $12,900

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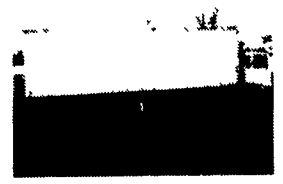

1987 Mack MS 250 28' Box w/Side Door, Dsl., Air Brakes, AC, 5 Spd., Fleet Maintained, In Excellent Condition, Available For Sale Or Lease.

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4.9L EFI 6 Cylinder, Electronic Automatic Overdrive, All Season Radial, Anti-Lock Brakes, Argent Front/Rear Bumper, Tinted Glass, 5500 Lb. GVWR Package, Electronic Radio, Air Conditioning, Power Steering & Brakes, DUal Vinyl Bucket Seats, Bodyside Molding.

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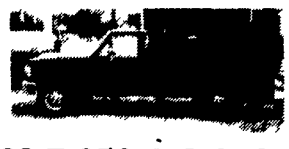

1992 F-350 4x2 CUSTOM READING UTILITY BODY

Reading Body, Recessed 'V' Step Bumper, Ladder Racks, 5.8L EFI, Electronic Auto Overdrive, LT235/85Rx16E All Season Radials, Spare Tire, Anti-Lock Brakes, Handling Package, Knitted Vinyl Seat, AM/FM Stereo/Clock, Super Engine Cooling, Headliner Insulation Package, H.D. Battery, Chrome Bumper, L/Mount Mirrors, 3.55 Ratio Rear Axle.

1992 F-250 4x4 XLT LARIET DIESEL

7.3L Diesel, 4.10 Ratio Axle, Electronic Automatic Overdrive, Air Conditioning, Engine BLock Heater, Manual Locking Hubs, Low Mount Swingaway Mirrors, Two Wheel, Cruise Control, Power Windows, AM/FM Stereo Cassette, Step Bumper, Anti-Lock Brakes, All Season Radials, Trailer Tow/Camper Package.

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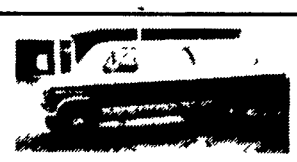
360 V8, Automatic, Power Steering and Brakes, AM/FM Stereo, Vinyl Bench Seat, 7.50x16 Tires, Clearance Lights, Chrome Bumper, Diamond Plate Step Bumper, One Owner New Trade Truck With Only 11,000 Original Miles And Great Condition.



SPECIAL FACTORY PURCHASE
1991 E-350 CLUB WAGON 15 PASSENGER MODEL

Only 8000 Miles With Balance of Factory Warranty, Vinyl Seat Trim, Floor Carpet, XL Trim Package, Privacy Glass, Auxiliary Air Conditioning/Heat Package, AM/FM Stereo, Power Windows/Locks, Tilt Wheel/Cruise Control, All Season Radials, Deluxe Tu-Tone Paint, 5.8L EFI, Electronic Automatic Overdrive, M.S.R.P. New $23,876

Sale Price $18,888

1984 FORD F-250 XLT LARIAT DIESEL

One Owner New Truck Trade, Only 54,000 Miles, This Truck Is Like New, 8600 Lb. GVW,. Automatic Trans., Tilt Wheel, Air Cond., Cruise Control, Power Windows, Stereo, Trailer Tow Package, Fog Lamps, Step Bumper, Sliding Rear Window, New Pa. Inspection, Full Maintenance Records, This Truck Is Like Brand New.

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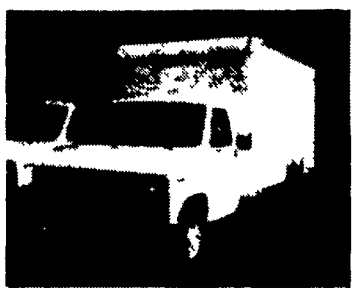
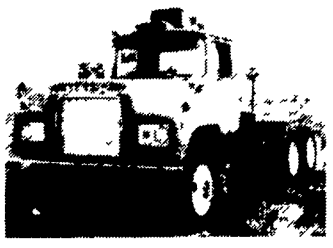
82 GMC 1 TON PICKUP 6.2L Diesel Engine, AT, PS, PB, A-1 Creampuff, Like New

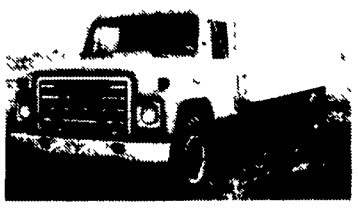


86 FORD E-350 VAN, 10,000 GVW, One Owner, PA State Insp., Duralite 12 Ft. FRP Body, w/Roll-Up Door, 2 In Stock

$6,500 ea.



78 R-MODEL MACK 5 Spd., 300 Eng., AC, New Paint, PS, PA Insp., 1 Owner



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SHOP REEDMAN PRICES - IN STOCK
24 New 1992 Corvette Cpes, Convts
92 New - 1992 Lumina Sdns, Cpes, Euros,
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47 New - 1992 Cavalier Cpes, Sdns, Z-24's Convertibles & Wagons
31 New - '91/92 Camaro Cpes, Z-28 Convt
43 New - 1992 Caprice, Classic Sdns, Wgns
6 New - 1992 Corsica LT, Sdns
34 New - 1992 GEO - Storms & G S I Cpes
24 New - 1992 GEO Prizms, Metros

SHOP REEDMAN PRICES - IN STOCK
20 New - '91/92 C1500 2 WD Pickups
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20 New - 1992 K1500 & K2500 4 WD P/U
25 New - 1992 Astro Pass Mini Van
7 New - 1992 Cargo Vans & Sport Vans
15 New - 1992 Lumina APV Mini Pass Vans
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3 New - 1992 Stealths
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35 New - 1992 Dakota Pickups 2 WD, 4 WD Regular Cab & Club Cab Models
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20 New - 1992 B150, 250, 350 Vans & Maxi Vans
25 New - 1992 B150, 250, 350 8 & 15 Pass Vans

SHOP REEDMAN PRICES - IN STOCK
6 New - 1991/92 Imperials
13 New - 1992 Fifth Avenue
5 New - 1992 Lebaron Sdns
50 New - 1992 Acclaims Sdns
20 New - 1992 Sundances 2 Drs & 4 Drs
110 New - 1992 Voyager & Caravans
25 New - 1992 Lasers
5 New - 1992 Colts
3 New - 1992 Town & Countrys
13 New - 1992 Lebaron Cpes & Convts

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20 New - 1991/92 Continental Sdns
18 New - 1992 Mark VII Cpes
60 New - 1991/92 Lincoln Town Cars
40 New - 1991/92 Cougar Spt Cpes
90 New - 1992 Sable Sdns & Wgns
45 New - 1992 Grand Marquis Sdns
13 New - 1992 Topaz Sdns
18 New - 1991/92 Tracer Sdns, Wgns
18 New - 1991 Capri Convt's & Hard Tops

CHEVROLET TRUCK HEADQUARTERS

Shop Reedman Prices 650 Chevy Trucks & Cars Revolving Inventory

6.9%

Annual Percentage Rate Financing Thur GMAC Or A Cash Alternative Rebate As Indicated Below In A To G

1992 S-10 BLAZER HDQS
A $4917 00 #146
Is $2217 Off MSRP & A $1500 Rebate Plus A $1200 Fact Equip Pkg Disc. New '92 Chevy S-10 4 Dr Blazer 4 Whl Dr Tahoe Mdl CAA3 V8, AT, AC, Vin N0115676 MSRP ★$20,866. Our Price $17,149

1992 S-10 BLAZER HDQS
B $4892 00 #035
Is $2192 Off MSRP & A $1500 Rebate Plus A $1200 Factory Equipment Package Discount New '92 Chevy S10 Blazer 4 Whl Dr V6, AT, AC Vin N2110858 MSRP ★ $22,491. Our Price $18,799

1992 S-10 PICKUP HEADQUARTERS
C $4281 00 #119
Is $1186 Off MSRP & A $1000 Rebate Plus A $2095 Fact Equip Pkg Disc New '91 Chev S10 P/U 2 Whl Dr Tahoe Mdl W/PEG AAA6 V6 5 Spd AC Vin N2131876 MSRP ★ $11,785. Our Price $9599

1991 S-10 4x4 PICKUP HDQS
D $2236 00 OFF #013
Is $886 Off MSRP & Includes A $1350 Rebate. New '91 Chev T-10 Pickup 4 Whl Dr Mdl V6, AT, No AC, Vin M2310310 MSRP $13,735. Our Price $11,499

1992 GEO TRACKER HDQS
E $1530 00 OFF #001
Is $780 Off MSRP & Includes A $750 Rebate. New '92 Geo Tracker 4 WD LSI Convt Model 4 Cyl, AT, AC, Vin N6900421 MSRP $16,179. Our Price $13,649

1991 PICKUP HEADQUARTERS
F $3368 00 #207
Is $1968 Off MSRP & Includes A $1300 Rebate Plus A $1000 Fact Equip Pkg Disc. New '91 Chevy C-1500 P/U, 2 Whl Dr Mdl, V8, AT, No AC, Vin ME190875 MSRP ★$15,667. Our Price $12,699

1992 ASTRO PASS MINI VAN HDQS
G $3197 00 #032
Is $1597 Off MSRP & Includes A $750 Rebate Plus A $850 Fact Equip Pkg Disc New '92 Chev Astro Mini Van CS Mdl W/PEG ASA3, V6, AT, AC, Vin NB124531 MSRP ★ $17,296 Our Price $14,949

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1991 CORVETTE CONVT HDQS
$9930 00 OFF #154
Is $6030 Off MSRP & Includes A $3900 Rebate New '91 Corvette Convt W/PEG #1,V8, AT,AC, Vin M5115861 MSRP $41,829 Our Price $31,899

1992 CORVETTE HDQS
$6345 00 OFF #023
Is $5345 Off MSRP & Includes A $1000 Rebate. New '92 Corvette 2 Dr Cpe, W/PEG #1 V8, AT, AC Vin N5103395 MSRP $37,344 Our Price $30,999

6.9%

Annual Percentage Rate Financing Thru GMAC Or A Cash Alternative Rebate As Indicated Below In "A To K"

1992 CAPRICE WAGON HDQS
A $3511 00 OFF #066
Is $2311 Off MSRP & Includes A $1200 Rebate New '92 Caprice 4 Dr Wgn, V8, AT, AC, Vin NW119105 MSRP $19,590 Our Price $16,079

1992 CAPRICE HDQS
B $3426 00 OFF #021
Is $2226 Off MSRP & A $1200 Rebate New '92 Caprice 4 Dr Sdn, V8, AT, AC, Vin NR101327 MSRP $18,105. Our Price $14,679

1992 CAVALIER HDQS
C $1665 00 OFF #045
Is $565 Off MSRP & Includes A $1100 Rebate New '92 Cavalier 4 Dr Sdn 4 Cyl AT AC Vin N7150303 MSRP $10,934 Our Price $9,269

1992 BERETTA HEADQUARTERS
D $2467 00 #011
Is $1467 Off MSRP & A $500 Rebate Plus A $500 Fact Equip Pkg Disc. New '92 Beretta GT Cpe, W/PEG #2, V6, AT, AC, Vin NY119106 MSRP ★ $15,416 Our Price $13,449

1991 CAVALIER WGN HDQS
E $2076 00 OFF #490
Is $676 Off MSRP & A $1400-Rebate. New '91 Cavalier VL Wgn W/PEG #1 4 Cyl AT AC Vin M7311059 MSRP $11,475 Our Price $9399

1992 GEO STORM HEADQUARTERS
F $2291 00 OFF #014
Is $1091 Off MSRP & Includes A $1200 Rebate. New '92 Storm 2+2 Cpe 4 Cyl, AT AC Vin N7508971 MSRP $13,440. Our Price $11,149

1992 LUMINA HEADQUARTERS
G $3545 00 #030
Is $1895 Off MSRP & A $1250 Rebate Plus A $400 Factory Equipment Package Discount New '92 Lumina 4 Dr Sdn, W/PEG #2, V6, AT, AC, Vin N9107541 MSRP ★ 15,744 Our Price $12,599

1992 LUMINA APV MINI VAN HDQS
H $3176 00 #011
Is $1576 Off MSRP & Includes A $1000 Rebate Plus A $600 Fact Equip Pkg Disc New '92 Lumina APV Mini Van W/PEG #1 V6, AT, AC, Vin NT106507 MSRP ★$17,415 Our Price $14,839

1991 CAMARO HDQS
I $2816 00 OFF #533
Is $1316 Off MSRP & Includes A $1500 Rebate New '91 Camaro RS Cpe W/PEG #1 V6, AT, AC, Vin ML196943 MSRP $14,275 Our Price $11,459

1992 GEO METRO HDQS
J $1316 00 OFF #001
Is $566 Off MSRP & Includes A $750 Rebate New '92 Geo Metro 3 Dr Hatchback W/PEG #3, 3 Cyl, 5 Spd, AC, Vin N6701340 MSRP $8445. Our Price $7129

1992 GEO PRIZM HDQS
K $2291 00 OFF #006
Is $791 Off MSRP & Includes A $1500 Rebate New '92 Geo Prizm 4 Dr Sdn W/PEG#2 4 Cyl 5 Spd AC Vin NZ004711 MSRP $12,240. Our Price $9949

1992 CORSICA HDQS
$1603 00 #009
Is $1303 Off MSRP & A $300 Fact Equip Pkg Disc. New 1992 Corsica LT Sdn W/PEG #1 4 Cyl, AT, AC, Vin NY124980 MSRP ★ $13,552. Our Price $12,249

★ Listed MSRP Reflects Savings Resulting From Factory Equipment Package Discount As Explained On Factory Federal Price Label.

ZERO%

Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To D

'92 GRAND CARAVAN HDQS
A $3566 00 #096
Is $1709 Off MSRP & Includes A $1000 Rebate Plus A $857 Fact Equip Pkg Disc. New 1992 Dodge Caravan 7 Pass SE Mdl W/28B Pkg V6 AT AC Vin NX126265 MSRP ★$18,708 Our Price $15,999

1992 SPIRIT HDQS
B $3920 00 #032
Is $1245 Off MSRP & A $1500 Rebate Plus A $1175 Fact Equip Pkg Disc New '92 Spirit 4 Dr Sdn W/22D Pkg 4 Cyl AT AC Vin NF146248 MSRP ★ $13,044 Our Price $10,299

1992 SHADOW HDQS
C $1480 00 OFF #016
Is $480 C ' MSRP & Includes A $1000 Rebate. New '92 Dodge Shadow 2 Dr Hatchback, 4 Cyl 5 Spd No AC Vin MN115884 MSRP $8469 Our Price $6989

1992 DODGE P/U HDQS
D $1430 00 OFF #022
Is $430 Off MSRP & Includes A $1000 Rebate. New 1992 Dodge 2 Whl Dr Spt Mdl 4 Cyl 5 Spd No AC Vin N5511625 MSRP $9879 Our Price $8449

1992 STEALTH HDQS
$3123 00 OFF #006
Is $2373 Off MSRP & Includes A $750 Rebate. New 1992 Dodge Stealth RT 2 Dr Spt Cpe W/24N Pkg V6, AT, AC, Vin NY020123 MSRP $27,972 Our Price $24,849

1991 CAPRI CONVT
$5142 00 #065
Is $1842 Off MSRP & Includes A $2800 Rebate Plus A $500 Fact Equip Pkg Disc New '91 Capri Convt W/PEP 651 & Two Tops, 4 Cyl AT AC Vin M8630709 MSRP ★ $16,891 Our Price $12,249

1992 SABLE WGN HDQS
$4050 00 #515
Is $2550 Off MSRP & A $800 Rebate Plus A $700 Fact Equip Pkg Disc New '92 Sable GS 3 Seat St Wgn W/PEP 451 V6 AT AC Vin NA602180 MSRP ★ $19,249 Our Price $15,899

1992 FIFTH AVE HDQS
$3013 00 OFF #004
Is $3013 Off MSRP New '92 Chrys Fifth Ave 4 Dr Sdn V6 AT AC Vin ND734804 MSRP $22,912 Our Price $19,899

1991 IMPERIAL HDQS
$6820 00 OFF #007
Is $4820 Off MSRP & Includes A $2000 Rebate New '91 Chrys Imperial 4 Dr Sdn V6 AT AC Vin MD147303 MSRP $29,219 Our Price $22,399

$3068 00 #002
Is $2668 Off MSRP Plus A $400 Fact Equip Pkg Disc New '92 New Yorker Salon 4 Dr Sdn V6 AT AC Vin ND718973 MSRP ★ $20,507 Our Price $17,839

1992 DYNASTY HDQS
$1947 00 OFF #028
Is $1947 Off MSRP. New 1992 Dodge Dynasty 4 Dr Sdn V6 AT AC Vin ND746646 MSRP $15,746 Our Price $13,799

ZERO%

Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To E

1992 VOYAGER HDQS
A $3390 00 #025
Is $15339 Off MSRP & Includes A $1000 Rebate Plus A $857 Fact Equip Pkg Disc New '92 Ply Voyager 7 Pass Mini Van W/22T Value Pkg 4 Cyl AT AC Vin NR508096 MSRP ★$15,532 Our Price $12,999

1992 LEBARON SDN HDQS
B $4272.00 #027
Is $1797 Off MSRP & Includes A $1500 Rebate Plus A $975 Fact Equip Pkg Disc New 1992 Chrys Lebaron LX 4 Dr Sdn W/28U Pkg V6 AT AC Vin NT228316 MSRP ★$16,826 Our Price $13,529

1992 ACCLAIM HDQS
C $4052.00 #038
Is $1377 Off MSRP & A $1500 Rebate Plus A $1175 Fact Equip Pkg Disc New '92 Ply Acclaim 4 Dr Sdn W/22D 4 Cyl AT AC Vin NF144626 MSRP ★ $13,276 Our Price $10,399

1992 SUNDANCE HEADQUARTERS
D $2003 00 #013
Is $788 Off MSRP & Includes A $1000 Rebate Plus A $215 Fact Equip Pkg Disc New 1992 Ply Sundance 4 Dr Hatchback, 4 Cyl AT AC Vin NN101655 MSRP ★$10,947 Our Price $9159

1992 TOWN & COUNTRY HEADQUARTERS
E $3182.00 OFF #031
Is $2182 Off MSRP & Includes A $1000 Rebate. New '92 Chrys Town & Country 7 Pass Mini Van V6 AT AC Vin NX174127 MSRP $25,161. Our Price $21,979

1992 LASER HEADQUARTERS
$912 00 OFF #013
Is $912 Off MSRP. New '92 Ply Laser Spt Cpe 4 Cyl 5 Spd, No AC Vin NE005711 MSRP $11,611 Our Price $10,699

1991 TRACER HEADQUARTERS
$2003 00 OFF #077
Is $903 Off MSRP & Includes A $1100 Rebate New 1991 Mercury Tracer 4 Dr Sdn, 4 Cyl, 5 Spd No AC, Vin MR657168 MSRP $9802 Our Price $7799

1992 CONTINENTAL HDQS
$7664 00 #003
Is $4854 Off MSRP & A $1000 Rebate Plus A $1810 Fact Equip Pkg Disc. New 1992 Linc Continental 4 Dr Sdn W/PEP #952 V6, AT, AC, Vin NY601251 MSRP ★ $32,853 Our Price $26,999

1992 TOWN CAR HEADQUARTERS
$5862 00 OFF #041
Is $4862 Off MSRP & Includes A $1000 Rebate New '92 Lincoln Town Car 4 Dr Sdn, V8, AT, AC, Vin NY604374 MSRP $31,861 Our Price $25,999

1992 MARK VII HEADQUARTERS
$5473 00 OFF #523
Is $4473 Off MSRP & Includes A $1000 Rebate New '92 Linc Mark VII LSC V8 AT AC Vin NY621136 MSRP $32,622 Our Price $27,149

7.9%

Annual Percentage Rate Financing Thru Ford Credit Or A Cash Alternative Rebate As Indicated Below In A To D

1992 GRAND MARQUIS HDQS
A $4037 00 #223
Is $2787 Off MSRP & A $750 Rebate Plus A $500 Fact Equip Pkg Disc New 1992 Merc Grand Marquis GS 4 Dr Sdn W/PEP 157 V8, AT, AC, Vin NX680146 MSRP ★$22,186 Our Price $18,849

1992 TOPAZ HEADQUARTERS
B $3342 00 #015
Is $1058 Off MSRP & A $1200 Rebate Plus A $1083 Fact Equip Pkg Disc. New '92 Merc Topaz GS 4 Dr Sdn W/PEP/352 4 Cyl AT AC Vin NB600527 MSRP ★ $12,058 Our Price $9,799

1992 SABLE HEADQUARTERS
C $3917 00 #524
Is $2417 Off MSRP & A $800 Rebate Plus A $700 Fact Equip Pkg Disc New '92 Sable GS 4 Dr Sdn W /PEP #451 V6, AT, AC, Vin NA602163 MSRP ★ $18,166 Our Price. $14,949

1991 COUGAR HEADQUARTERS
D $4465 00 #761
Is $2315 Off MSRP & Includes A $1300 Rebate Plus A $850 Fact Equip Pkg Disc. New 1991 Merc Cougar LS 2 Dr Spt Cpe, W/PEP 262, V8, AT, AC, Vin MH651393 MSRP ★ $17,864 Our Price $14,249

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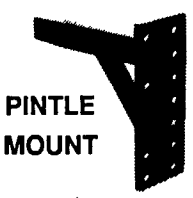

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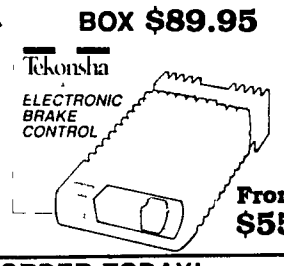

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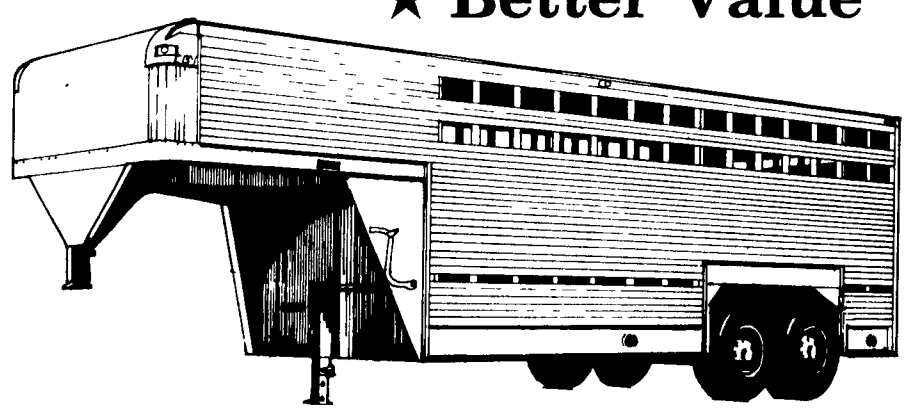

The Wrangler Model 2000-OH represents a new level of value in livestock trailers.

Its standard specifications, top-quality components and proven engineering are found in other Wrangler models. But the new 2000-OH is less expensive. By standardizing height and width and by limiting the number of optional accessories, Eby lowers the production costs for this model. Now you can get all our traditional craftsmanship in a top-value gooseneck.

Unlike other "budget" trailers on the market, the Wrangler 2000-OH achieves a price breakthrough without compromising quality. Consider these features, standard on the new Wranger 2000-OH:

- 7,000# Dexter Torque-Flex axles
- Steel-belted radial tires, 10-ply rating
- Aerodynamic, attractive design
- Sealed beam lights with enclosed, externally accessible wiring
- 2-year warranty

Specifications
- Available in 14', 16', 18', 20' lengths
- 7' Width
- 6'6" Inside height

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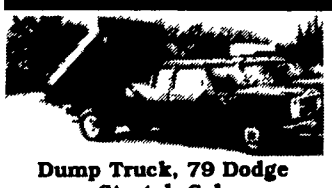
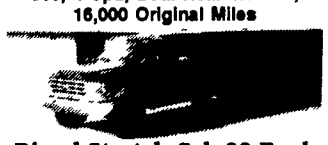


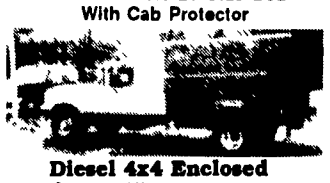
Dump Truck, 79 Dodge Stretch Cab
360, 4 Spd, Dual Rear Wheels, 16,000 Original Miles



Diesel Stretch Cab 88 Ford F-250 7.3 Diesel, 5 Spd, O/D A/C, Real Nice

86 Ford F-250 Super Cab
Great For Trailer Towing, 460, Auto, AC, Dual Tanks, Very Clean

87 Chevy C-30 Dump Truck
Only 7,000 Miles, 350, 4 Spd, 10 Foot Thiele Lo Side Bed With Cab Protector

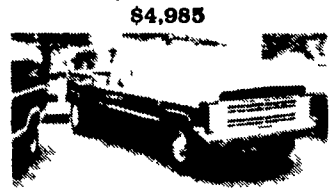


Diesel 4x4 Enclosed Utility Box
7.3 Diesel, AT, AC, Stetch Cab, A Hard To Find Truck

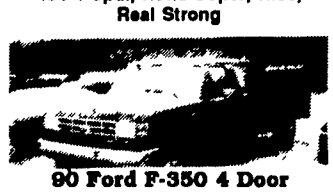
89 Chevy 1500 Super Cab 4x4
6 Foot Box, 350 f.i. AT, NC, Silverado, Very Nice

87 GMC 4 Door Dually
Beautiful Southern Coach Conversion, 24,000 Original Miles, 454 AT, AC, Tow Pkg.

85 Dodge D-350 4 Door Crew Cab 360, Auto, New Inspection, Runs Great
$4,985



4 Door Dually 86 Chevy C-30
454 4 Spd., Runs Super, Nice, Real Strong

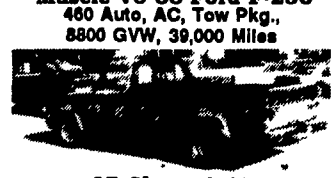


90 Ford F-350 4 Door
7.3 Diesel, Auto, A/C, 24,000 Miles, Ladder Racks, Tool Chest, Very Nice

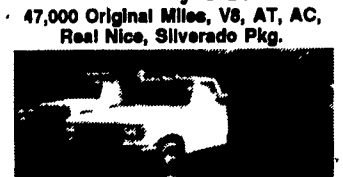
4 Wheel Drive 90 Ford F-350 4 Door Crew Cab Dually XLT Lariat, Centurion Packing, 460 F.I. Auto, A/C, Trailer Tow Pkg.

Diesel 83 Chevy C-10
6.2 AT, AC, Silverado, Excellent Body, Probably Needs Head Gasket Sold As Is

Muscle V8 88 Ford F-250
460 Auto, AC, Tow Pkg., 8800 GVW, 39,000 Miles



85 Chevy C-10
47,000 Original Miles, V8, AT, AC, Real Nice, Silverado Pkg.



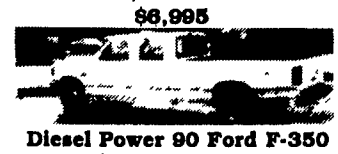
Diesel Stake Body 88 Ford F-350 11,000 GVW, 12 Ft. Bed, 7.3 Diesel, AT, 37,000 Miles

88 Chevy C-30 Stake Body Dump Truck 12 Foot Body, Dual Rear Wheels, Super Clean, Only 16,000 Miles

Stake Body, 86 Chevy C-60
V8, 4 Sp, 44,000 Original Miles
18 Foot Bed, 19,000 GVW

4x4, 85 Ford F-150
302, 4 Spd, Nice & Clean, 42,000 Miles

4x4, 85 Chevy C-10
Very Nice, V8, 4 Spd, A/C, Runs Great
$6,995



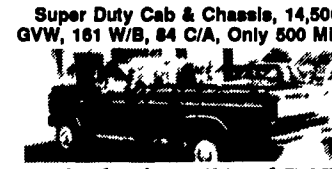
Diesel Power 90 Ford F-350 Crew Cab Dually 7.3 AT, Lock-Out Overdrive, Dual Tanks, 20,000 Miles

Put It On Your Truck
12 Foot Aluminum Box, Swing Out Rear Doors, Excellent Condition
$1,495

85 Ford F-350 Crew Cab Dually
XLT Lariat, 460, AT, AC, Very Nice

89 Chevy C-30 Cube Van
350 V8, AT, 33,000 Original Miles, 14 Ft. Aluminum Box

Diesel Power 91 Ford F-450
Super Duty Cab & Chassis, 14,500 GVW, 161 W/B, 84 C/A, Only 500 Miles



4 Wheel Drive, 85 Ford F-250
XLT Lariat, V8, AT, AC, 60,000 Miles, Very Nice

JONES

1335 Manheim Pike, Lancaster
(Next To Landis Bros. John Deere)

The GMC GIANT of Lancaster County

(717) 394-0711

OVER 120 TRUCKS AVAILABLE!

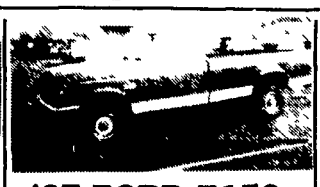
All Of Our Trucks Are PA State Inspected And Ready To Go!

'88 CHEVY EXTENDED CAB 4x4 LONG BED 350, AT, AC
#6526
Was $11,900
NOW **$9,850**

'86 DODGE CARAVAN
2.2L, 5 Spd., 5 Pass.,
#6565 Was $5,995
NOW **$3,950**

'91 GMC H.D. STAKE DUMP
14 Ft. Duty Body, V8, AT,
15,000 GVW, Demo #1065
Was $27,400
NOW **$22,900***
Also - 2 Chassis In Stock

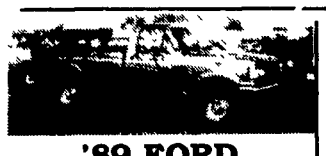
'85 CHEVY STAKEBODY
4 Spd, V8, Runs
Great #6597
Was $7,995
NOW **$4,950**



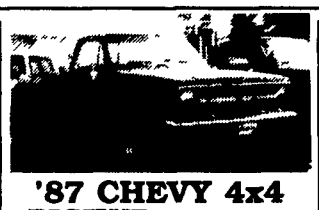
'87 FORD F150 4x4
#6587
40,000 Miles
Was $10,900
NOW **$8,500**

DIESEL

'91 GMC SUBURBAN
SLE, Posi, Loaded, Only 2 In The Country Like It! #1971
List $27,830
NOW **$26,130***

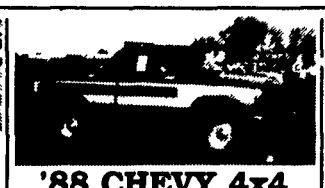


'89 FORD F-250 4x4
8600 GVW, V-8, AT
AC, Sharp! #6555
Was $13,995
NOW **$11,800**

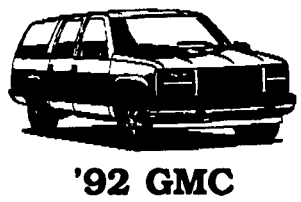


'87 CHEVY 4x4 PICKUP Short Bed, V8,
AT, AC, Very Clean #6524
Was $9,995
NOW **$8,400**

'89 FORD F250
#6582
V8, 5 Spd., 40,000 Miles
Was $10,995
NOW **$8,500**



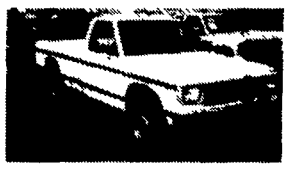
'88 CHEVY 4x4 CHOO-CHOO V8,
AT, AC, Loaded #6544
Was $12,900
NOW **$10,750**



'92 GMC SUBURBAN
#2417
In Stock, 3 Others

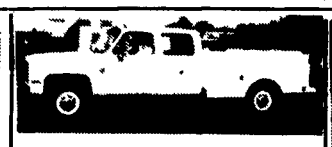
DIESEL

'87 GMC CREWCAB 4x4
AT, AC, Sierra Classic,
Very Sharp #6596
Was $13,900
NOW **$11,750**



'89 CHEVY S10 4x4
V6, Auto, AC #6488
Was $10,995
NOW **$8,100**

'89 GMC SIERRA CLASSIC PICKUP
#6588
350 AT, AC
Was $11,995
NOW **$10,250**

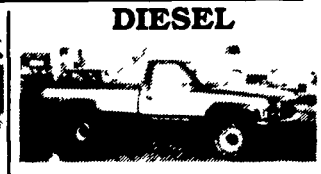


'88 CHEVY CREW CAB 4x4 UTILITY
V8, 4 Spd, Winch, Put It To Work $6503
Was $13,995
NOW **$10,100**

'89 FORD F-250 4x4
Dump Bed, V8, AT, #6560
Was $13,900
NOW **$11,775**

(2) '89 CHEVY ¾ TON PICKUPS
V8, AT, AC, Work Trucks
(Company Trade-Ins) #6454
Were $10,995
NOW **$8,100 Ea.**
You Pick!

DIESEL



'88 CHEVY 1 TON 4x4
AT, PS, PB, Ready To Work
#6579 Was $13,990
NOW **$12,250**

* Includes Applicable Factory Rebates

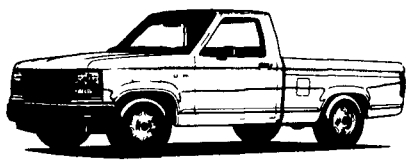
Mark VII - Pickups - Broncos - Bronco II - Stake Body - Crew Cab - Lynx - Topaz - Diesel Pickups - Mustang - T Bird - Custom Vans - XLT - Grand Marquis - Marquis - Tempo - Cougar - Continental - Town Car - 4x4 - Box Van - Rangers -

'92 FORD CREW CABS

Now In Stock & Ready To Go!

'92 FORD F-150 PICKUP (#3123)
Delivered Price **$9,999***
$216/Mo.

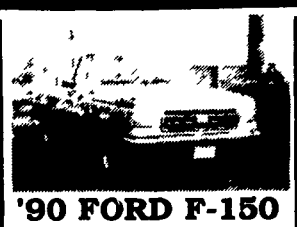
'92 FORD RANGER PICKUP (#3110)
Delivered Price **$7,492***
$162/Mo.



1992 TRUCKS ARE HERE! OVER 30 IN STOCK!!

1991 CONVERSION VANS
Loaded With Equipment!
Was $26,899
NOW **$19,998**
1 of To Choose From!

* Prices include applicable rebates plus $500 cash or trade. Tax, tags and doc fees additional. Payments at 10.9% APR for 60 Months.



'90 FORD F-150 XLT
V8, 5 Spd, AC, Only 22,000 Mi. #P1142
Was $11,998
NOW **$11,498**

'91 FORD F-150 4x4 SHORT BED
Only 1942 Miles! #3141A
Was $15,998
NOW **$14,998**

'87 FORD F-150 4x4
XLT, V8, 4 Spd., AC
#P1132
Was $11,998
NOW **$11,298**

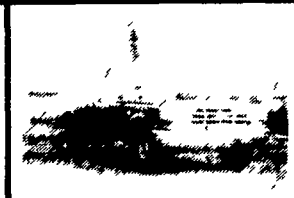
'90 FORD RANGER
4 Cyl., 5 Spd., PS, PB,
#P1117
Was $8,498
NOW **$7,267**

'89 FORD BRONCO XLT
V8, AT, AC, #3180A
Was $12,998
NOW **$12,498**

'89 FORD RANGER 4x4
V6, 5 Spd., PS, PB, AM/FM,
28,000 Mi #P1114
Was $12,998
NOW **$12,498**

'87 FORD F-150 4x4
V8, AT, PS, PB, Only 37,000 Mi., #PP1143
Was $11,998
NOW **$11,498**

'89 FORD RANGER XLT
6 Cyl., 5 Spd, AC, Tilt, Cruise, 8900 Mi. #PP1111
Was $10,498
NOW **$7,456**



'88 FORD F-150
V-8, PS, PB, #7812A
Was $8,998
NOW **$6,998**

Unless This Emblem Is On Your Car Or Truck You Probably Paid Too Much

9-9 Daily
9-5 Sat.
717-272-7671

LIFETIME SERVICE GUARANTEE

SHEEHY LEBANON

SHEEHY FORD LINCOLN MERCURY INC.

20th & Cumberland St., Lebanon

Parts Dept. Open
Daily 8-5
Sat. 8-12
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35 TRUCKS & TRAILERS

16ft Tri-Star gooseneck dump trailer, 8x16, 40in metal grain sided w/20 ton dump, flip up cattle sides, heavy duty trailer, very good condition, $5200 717-235-3922 York Co

1965 Jeep Wagoneer, 4x4, needs tuned up, possible for buyer to hunt on farm Huntingdon Co 814/627-5149

1969 Hill dump trailer, 26', 54" sides Asking $5500 OBO Excellent condition, used mostly for grain 908-454-7231

1972 Crane Carrier Chassis w/roll-off hoist, Cummins Engine, twin screw, 9 SP Fuller Road Ranger Transmission Excellent starter truck for grain processing farm, utilizing several grain containers so that field processing is uninterupted remainder of year Use flat bed/grain container/stake body or other bodies Northumberland Co $6,000 OBO Call 717/286-5628

1972 GMC, tandem, 10-speed, 671 Detroit newly overhauled, excellent, 22' flatbed, $3500 607-292-3831

CHEVY MOTORS
New & Rebuilt
350, 366,
427, 454
Will Install
Roll Back Service
(at cost)
717-762-6415

Bittner Boys, Inc.
Quality Chevy V8 Motors for Cars, Trucks and Boats.
We Install And Deliver.
35 Years Of Experience
1 and 5 Year Warranty Avail-
717/762-7940

HOLIDAY SPECIAL
Rebuilt Chevy Motors
305, $650;
350, $750;
366, $1,050
with exchange
717/762-7940

E-TOWN DODGE
(8) 4WD, Diesel Pickups, In Stock Ready For Delivery
DODGE
'87 4x4 250 P.U.
'88 4x4 250 P.U.
'88 4x4 150 P.U.
'90 2x4 150 P.U.
Club Cab Diesels Are Here
CALL
MILTON HESS
717-367-6644
717-653-6667
Elizabethtown, PA

FOR SALE
New 9' aluminum flatbed body, 36" bulk head w/window. Adaptable for dump use
HEWEY WELDING
717-867-5222

SHIRK STOCK TRAILERS
BUMPER HITCH & GOOSENECK HITCH
6'x12' STOCK BUMPER SIDE DOOR $2,675
6'x16' STOCK GOOSENECK REDUCED-$3,375
7'x20' MORITZ ALUMINUM, STOCK REDUCED-$8,495
MARTIN HARDWARE & EQUIP. CO. INC.
Rt. 501, 1¼ Miles South of Schaefferstown, PA
PHONE: (717) 949-6817 or 949-2549
Mon. & Wed. 8 to 5; Tues., Thurs., Fri. 8 to 8; Sat. 8 to 4

36 REAL ESTATE

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands. Respond to P O Box 301, Selinsgrove, PA 17870

DAUPHIN COUNTY- 310 acres farmland, will divide. Lykens Valley. 717-365-3898.

Dairy Farm for Rent in Penns Valley, Centre County, PA. 150 Acres. Christian K. Stoltzfus, RD2, Box-69, Spring Mills, PA 16875.

ED SAXE REAL ESTATE, York Co. Farms, PH: 717/757-3539, (F173) 184 Acres (100 acres tillable), stone & frame farm house, barn, Hard Rd. frontage, stream, $215,000. (F229) 75 Acres, brick farm house, bank barn, in excellent condition, many outbuildings, alotta road frontage, $225,000. (F174) 25 Acres, beautiful Cape Cod in excellent condition, 2-story garage, large shop, lge. finished area with ½ bath, 54x54 pole barn, many uses, $239,900. (F110) 10 acres, remodeled farm house w/ addition, deck, in ground pool, bank barn, 2 large garages, other buildings, $274,900. (F332) 30 Acres, brick/alum farm house, barn, 45x312 poultry house, 9 acres fenced pasture, 9 acres orchard, $325,000 (F128) 3 br. completely remodeled farm house, barn, 4.9 acres, $114,900 (F138) "Circa 1840", part stone 3 BR, 2 BA, 3 FP house 25 acres, was $295,000 Reduced to $225,000 (F124) 89 Acres, superb barn, no house, $175,000. (F143) 10 Acre Farmette, remodeled house, large barn, secluded, $159,900. (144) 157 Acres prime development land, water, sewer avail., house & barn, $558,000. Call 717/757-3539 For Info.

4 Bdr. Brick Farmhouse, 10 acres w/barn Southern Lancaster Co. For sale or rent 717/548-3726.

50+A, Juniata Co, farm/hunting-camp/vacation/residence, woods, fields, streams, 3-BDR. home, standard septic, barn, privacy, hunting, $95,000 00. 717/734-3528

7+ Acre wood lot for sale. Red Lion area 717/244-1444

Bedford County Farm, 160 acres, $140,000 low taxes. Call Coldwell Banker/Town & Country Real Estate, Joyce Dalton, 814/696-9280

Broiler grow out operation modern, two 44x360 2 story houses, 100,000 total flock capacity, situated on 10 acres. 717-865-5654 after 6PM

Farm 65 acres, good water well, no buildings. Clearfield County, PA. Reduced to $37,900. 814-674-8756.

Farmette for sale by owner -Yates County, NY. Near Mennonite settlement Dundee, NY. 3/4BR farmette w/27½ A, barn, stream on property, great for horses and produce, $64,500. 607-243-7670 for information or photos.

FOR RENT Dairy farm, 170 acres, 110 tillable, 30 fenced pasture, 70 tie stalls, 24x60 silo, home. (717)265-8263.

FOR RENT OR SALE: St. Petersburg, FL, double wide home w/enclosed porch and car port, very nice park, has swimming pool and shuffle board plus recreation hall. 717/243-1281.

For Rent: Montgomery County, PA milking parlor, freestall barn, exercise lot, some repairs needed. House available. Ask for Carol 215/754-7637.

For Rent: Union County, 128 acre dairy farm, 58 free stalls, 2 large silos, heifer barn, maternity area, gravity flow manure, TMR setup. 717-568-0060 weekends.

For Sale 93 Acre Farm in Cumberland County, 85 acres tillable, balance pasture and woodland, large bank barn, house has three bedrooms, 2 full baths, grain bins, dryer, lots of nice well kept buildings Additional leased acreage available. Excellent family operation. Phone 717/766-6894 Weekdays 7-5.

Hunting camp land w/ water well, 12 acres, great deer hunting Clearfield County, PA. $6,900. 814-674-8756

Mennonite family would like to rent dairy farm in the Myerstown area for Spring of 1992 Contact (717)866-4919

Mifflin County Farm 140 acres w/approximately 130 acres tillable, natural spring, barn, 2 silos, and implement shed. $295,000. ERA Colony & Co. Real Estate-Surveying, (717)242-2523.

Millwork and General Contracting Shop: 9000 sq.ft operating shop includes machines, trucks, wood inventory. 1A, rural town; Upper Dauphin County Living quarters on property $220,000 Write: Box R-52, c/o Lancaster Farming, POB 609, Ephrata, PA 17522.

MOUNTAIN GROUND W/ LAKE: 10.4 WOODED acres with LEVEL building Site only $6900. Deeded Access to 100+ Acre Stocked Sportsmans LAKE -Great HUNTING, Allegany Co, NY -minutes to POTTER CO, PA. $700 down- $76.43 per month, 12.5% int.- 180 months. Alma Pond F.P. 717-784-9022.

NEW YORK FINGER LAKES REGION, Lakefront Business Opportunity. Store, gas station, ice cream stand, and boat gas. Established business -Only one in the immediate area. Owner ready to negotiate. 105B Linda Shoup 607-292-6856. CENTURY 21 FOUR SEASONS 315-536-7456.

PERRY COUNTY: A rare find! 100 acres m/l in Penn Twp. Property includes a 2-1/2 story farmhouse w/2 car garage. Acreage is mostly tillable or could be developed. Road frontage possible subdivisions, small stream w/spring, number of wooded acres. $239,000 Call Century 21 Pace./Pace (717)582-8104/957-3866.

PERRY COUNTY 2-1/2 farmhouse nestled on 117 acres w/maple, chestnut & walnut trees. Spring & stream on property. Bank barn 82x45. Pole barn 64x56, 2 hog pens and many other well-maintained buildings. $196,000. Call Century 21 Pace/Pace, (717)582-8104/957-3866

Re-Max Premier Realty, Inc. Crystal S McCall, 2300 S. Pine Ave., Ocala, FL 32671. 1-800-476-5055 Salt Springs, FL. A rare find. 2 lots on beautiful Lake Kerr, fishing, boating and swimming, 3 bdr., 2 bath mobile home with heat and air, laundry room, car port, workshop, oak shade trees, grape arbor, fruit trees, well and septic for additional home if desired. Reduced to only $36,500. Call now, won't last!

Schuylkill County, 2 acres, 2,500 sq. ft. block garage, mobile home, $89,000. 717/345-4020 evenings.

Somerset County Dairy Farm, 167 acres, modern 90 stall barn with milking equipment. Will sell bare or fully stocked. Located ½ hr. from Johnstown, 1hr. from Pittsburgh. Call 814/445-5359 or 445-9560.

STOP LOOKING! THIS IS IT! 112 A, restored farm house with all season room, barn, stone quarry, self-sufficient 28x38 building for business or guest cottage. $345,000 Susquehanna County. Tracy Real Estate 717/222-3000 Donna or Glenn.

WANTED: 20/+ acres for residence, mostly wooded, private within 45 minutes Chambersburg. (717)261-1576.

WANTED: Old fishing lures, ROPS, reels, wood boats, outboard motors, J. Cular, PO Box 166, Lafayette, NJ 07848. (201)579-1223.

I WILL PAY $200 FOR INFORMATION ON A QUIET RENTAL LOT NEAR LANCASTER FOR MY MOBILE HOME. WILL PAY PART OF THE LOT PREP COSTS. GARY 814-276-3105.

Want To Buy: Home or land with 10 or more acres in Mifflinburg or surrounding area. Call 717/547-6465.

YOUR OWN PRIVATE FOREST! 54A, 2 springs, excellent hunting, near Elk Mountain, 3 bedroom mobile. $108,000. Tracy Real Estate 717/222-3000.

130 LIMESTONE FARM -Dairy farm w/52 tie stalls, pipeline, 1000 gallon bulk milk tank, silos, other buildings, 3BR brick farmhouse. Good productive farm in heart of Cumberland County, PA. Call JACK GAUGHEN REALTOR, Dale Landis, 717-291-5921, 717-626-5875.

1558 Acre Cattle Feeding Operation, 1275 acres tillable, good, functional buildings, $975 per acre. 344 Acres, organic soils, 334 tillable, good buildings, N Indiana. HBO Realty 1-800-825-8589.

30 acre farm, beautiful view, good water well, no buildings. Clearfield County, PA. $17,900. 814-674-8756.

4½ acres, stocked creek, 1985 mobile home, 55'x99' bank barn, 37'x90' heated building, concrete floor, $54,900. Exit 14 Turnpike. (717)349-7667.

494 acre farm, modern hog house, farrowing house, and sow house, grain bins, 4 big springs, pond, 2 houses. Ideal for all around farming.
Century 21, Town & Country
Sara Nell Cunningham
(502) 886-0103
(502) 475-4020

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters
$150/Weekly
717-658-9555

Pullet Growing Farm
44,000 capacity, Chore-time cages, 11 acres w/large trailer home. $100,000. 30% down, will hold mortgage.
(315) 449-6331 Days

SPECIAL
11 ACRE FARMETTE
Lehigh County, excellent 4 bdr. stone farmhouse. 2 stall barn w/storage. 4 car garage. Nice setting.
$259,000.
215/298-3017

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
1-800-472-2641
717-575-2542 Car Phone

SCHUYLKILL COUNTY, PA
Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide
717/345-4952

LOOKING FOR FARMLAND? CALL US!
64 ACRES — $363,600. Dairy farm w/comfort stall & free housing for 50 head, 6/10 mile road frontage, 5 BR house, borders Lebanon & Berks Cos., suitable for Amish homestead.
160 ACRES — $220,000. Dairy farm w/135 A tillable, 25A pasture. 2 silos w/unloaders, bulk milk tank, stanchions & loose housing for 67 head, large implement shed. 5 BR house.
291 ACRES — $225,000. Dairy farm w/161A tillable, 110A woodland, 2 silos, silo unloader, 43 stanchions, bulk milk tank, 2-story house.
Our lifetime experience in Pennsylvania agriculture can help you when buying or selling farms anywhere in PA.
CONCEPT 100 REAL ESTATE 717-393-0100

Marlin H. Fields Real Estate
MIFFLIN COUNTY OFFICE (717) 248-5451
101 No. Wayne Street
Lewistown, PA 17044 (717) 248-3904 FAX
JUNIATA CO. OFFICE (717) 436-8839
NORTHUMBERLAND CO. OFFICE (717) 286-1733

WE ACT AS LOCATORS FOR FARMS AND LAND

277 Acre Huntingdon County Farm 200 ac. till, 60 pasture, good soils, mostly flat, 60 cow barn, pipeline 1000 gal. tank, 16'x60' and 14'x55' silos, 5 bedroom house, very nice. Excellent farm. Call Rachel Port 814-669-4194 or Dallas Will, Farm & Land Specialist at ofc 717-248-5451 or hm 717-543-5685.

151 Ac. Dairy - Mifflin County - 2 barns, 2 houses, bank barn & 34 tie stall milking barn, reconditioned including a new pipeline and a 16x50 & 12x40 silos. 4 bedroom farm house and 3 bedroom tenant house, both excellent condition. Approx 110 ac. tillable, 30 ac. pasture, balance woodland New alfalfa seedings. 2 wells, spring and 2 streams. An outstanding farm. Call Dallas, Farm Specialist, OFC 717-248-5451 or HM 717-543-5685.

600 Ac. Dairy Operation (188 ac. owned, 425 leased, good soils) close by Huntingdon County, double 6 parlor, 114 free stall barn, bank barn, heifer barn, shop, misc. outbldg., manure pit, 2-20x70, 1-24x70 C.S. silos, TMR, computerized feeder, 2 bunk feeders. Plus barn with feeder and 16x60 C S silo Mansion style house with swimming pool, tenant house and mobile home. Cattle and equip. available for purchase. Possible owner financing. 98% of tillable land Class I & II. One of Huntingdon County's best farms. Call Rachael Port HM 814-669-4194 or Dallas Will, Farm Specialist, OFC 717-248-5451, HM 717-543-5685

140 Ac. Dairy, Mifflin County, bank barn with 21 tie stalls, 4 bedroom house, heifer barn and misc. outbldgs 107 ac tillable land, mostly flat Aitkins and Brinkerton soils. Farm neighbors Call Dallas Will, Farm Specialist, OFC 717-248-5451 or HM 717-543-5685.

97 Ac. General Farm Snyder County, 27 ac. tillable and pasture, balance wooded, 2 story farm house is in good condition, bank barn and misc. outbldgs. Ideal country living. Trout stream and good hunting. Excellent camp or retreat or quiet country living. Call Dallas Will, Farm Specialist, OFC 717-248-5451, HM 717-543-5685

The above three farms are ideal for confinement housing operation. There are poultry and hog contracts available.

SERVING THE FOLLOWING COUNTIES WITH BROKERAGE AND APPRAISALS Mifflin, Centre, Huntingdon, Juniata, Perry, Snyder, Northumberland and Union.
MEMBER OF LOCAL MULTI-LISTS

OWNER FINANCING
No banks needed here. 104 acre dairy farm w/55 stanchions plus heifer barns, 3 silos & several outbuildings. 2 homes. Gravel bed & much more. Price reduced to $149,900. Central New York. Rich farm land.
Call Dean Cummins, broker
315-626-2345 (home)
or Sun Harvest Realty, Inc.
315-626-2277 or 626-2248

60 ACRES dairy farm in Upper Montgomery County, PA. 3,500' farm house w/in-law suite, good barn & numerous outbuildings. House has total of 8 BR, 4 baths. Pond. Private setting. Subdivision potential. 10 miles to Turnpike. First time being offered. $500,000.
Lechner & Stauffer, Inc., Realtors
1-800-227-3907 in PA or
(215) 679-9568
Call for color brochure

128 Acre Farm: three barns, pond, 5BR remodeled house. Andover, New York. Call 607/478-8245 evenings.

Akron farmette, split level home, only 5 years old, excellent shape, 6 A, $295,000.

Modern Horse Barn w/23 stalls w/race track, plenty of fencing, 35A, Eastern Lanc. Co., $224,000.

26 A, fencing, no buildings, great view, $177,500.

KINGSWAY REALTY
717-569-8701

FARM For Sale
Lycoming County
72 Acres mostly tillable. Two modern barns. 60 Cow tie-stall. 2 Harvestore silos. 1000 gal. bulk tank. Pipeline milker. $225,000.

Business Ventures, Inc. R.E.
717-322-1309

50 wooded acres w/pond adjoining State Game Lands, Mill Hall, Clinton Co., PA
Utilities accessible, direct access from Ameiatte Rd.
$130,000
For sale by owner
(717) 748-6032
(717) 962-2992

CAMPGROUND
in South-Central PA. 70 wooded sites with electricity / water on 26 acres. Includes two bedroom home, mobile home and operating equipment. New ski resort five miles.

CENTURY 21
ALL TOWNE REALTY
(717) 267-0707
Don Miner
(717) 263-4604

WANT YOUR OWN DEVELOPMENT??
Established development in the mountains located between 2 Pa. Turnpike exits. Over 50 lots already sold. Picturesque area features abundant wildlife, streams, four acre lake & 2 spring fed ponds; 34 lots are ready for sale, 125 acres yet to be developed. All this for $400,000.
122 ACRE FARM includes barn, equipment shed and gracious older home. Property front on two roads, including U.S. Rt. 30 city water and sewer.
6 ACRE PROPERTY ON US RT. 30 - with 8 bedroom house, needs restoration, could be used as a bed and breakfast. Located between Chambersburg and Gettysburg.
EXECUTIVE RETREAT or year round living in Path Valley. Minutes from the Pa. Turnpike, this home features a stone fireplace, spring fed pond and a million dollar view, located on 6+ acres.
For more information call: Howard Meminger or Sue Bachtell
LONG & FOSTER REALTORS
442 Stouffer Ave. Chambersburg, PA 17201
(717) 267-2204
or outside PA
(800) 458-0272

Showplace - 220 acres class I soils crop farm. Beautiful Gorgian cobblestone/brick home fully furnished, plus dandy 36x72 two story barn. $240,000 adjoins Barge Canal/Cayuya Lake.

WJW Real Estate
Seneca Falls, N.Y. 13148
Beverly D. Farney Sales Associate
315-568-5910 / 568-9534

CENTRAL VIRGINIA FARMS
290 gently rolling acs , 1 mile river frontage, metal shop, 4 grain bins, 3 BR brick home. Suitable for vegetables, small grain, horses or cattle. Also "Travelers Rest" Circa 1750 restorable home Buckingham Co. $500,000.

300 Ac. farm, 60 acs. bottom land, 72 acs. pasture, 168 acs. timber. .3 mile river frontage, long rd. frontage, numerous river view building sites. Nelson Co. Owner/agent $400,000

Call James Wood
(804) 263-4371 Montague,
Miller & Co. (804) 263-5088

PORK & BEEF
Processing Plant
Owner Retiring - Financing Available
PRIME TRI-STATE LOCATION
TURNKEY OPERATION
Federal Inspected & Approved
Room to Expand, Land, Equipment
R.C. BURKHEIMER & ASSOC.
Realtor & Auctioneers
1-800-233-4169

CENTRE COUNTY
Near State College, 132 wooded acres. Large modern a-frame. 2000 ft. stream frontage. Great hunting and fishing. Price Reduced to $199,900.
Call Jim Wagner
215/363-4867 or 269-5085
RE/MAX
action associates

100+ ACRE DAIRY FARM
in Mifflin County. 80 A. tillable, balance mostly pasture. Mostly limestone soils, some Class 1. Large bank barn with 30 tie stalls, 16x65, 12x50 silos. Also 20x100 trench with concrete bottom. TMR mixer and covered feed bunk. Liquid manure pit. 40x64 machinery shed with 24' enclosed for shop. 4 bedroom frame house.
$185,000
717-899-6646

SOUTHERN LANCASTER COUNTY
80 Acres
Amish Equipped Dairy Farm
54 acres tillable
14x40 silo
30 cow stalls
25 acres meadow with good creek
Nearly new double house
Call 1-800-346-0505 or 1-215-287-8888
Ask for Hiram Hershey, Broker
or Tom Hershey, Realtor Associate
HERSHEY FARM AGENCY, INC.
1191 Sumneytown Pike, Harleysville, PA 19438

Modern Hog Operation For Sale By Owner
Attractive Farm in Central Delaware. 68 acres with 46+ tillable. Ranch home, outbuildings with 175 sow farrow thru feeder pig. 12,500 bu. grain bin. Call for more details. Contract available to qualified buyer, using Pic Genetics. No Sunday Calls. Farm in Amish Settlement.
$335,000
Ph. 302-734-8497

Juniata County Income Property
#1 Four bedroom 2½ story brick colonial on 20 level fertile acres. 24 campsites can expand. 2 bedroom apt. & 12x60 mobile home rental. 96x48 bank barn. Possible Bed & Breakfast - Horse or Produce farm. Listed at $225,000.
#2 Two story 40x200 broiler house on ¾ acre, 25,000 capacity. Current contract. Check it out at $69,000.
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

So. Northumberland Co. & Surrounding Counties
160 acres, no buildings. Timber, farmland & streams. Can be divided. $1,500/acre. Owner Financing Available.
300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing. $77,000 **Reduced $59,000.** Owner wants to sell - make offer.
100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000.
47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.
8 acre & 18 acre wooded lots, road frontage. $29,000 each. No Down.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Fulton County
Old Rt. 30-McConnellsburg
Steel bldg. 80x80 could be an auto parts store, farm implement dealership, machine shop or store. Plenty of parking. M-570. $173,900.
Call: Ronald L. Richards Realtor® GRI CRS
717-485-4103 or 485-3154
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(717) 267-0707
Each Office Is Independently Owned & Operated
Century 21

FARM FOR SALE
140 acres farm located in Blair County, approximately 5 miles from Martinsburg, 100 acres tillable, 30 pasture, 10 timber, 2 houses, 45x80 barn w/a 16x45 addition, silo, 12x16 milk house, and various other sheds and outbuildings. Suitable for either a beef or dairy operation. Clover Creek runs through farm, picturesque setting, priced to sell.
Call (814) 696-4347
Mondays thru Fridays 9-5 or
(814) 942-9059 evenings and weekends

FOR SALE BY OWNER

120 Acre
Snyder County Farm
52 tie stall barn, bank barn, other out buildings, frame house with modern kitchen & 1½ bath.
(717) 743-8145

Bradford County (Near Mansfield/Roseville)

52 ACRE DAIRY FARM WITH 2 HOMES AND 3 BARNS. 200 cow Penn State barn with 2 24x90 silos, additional acreage available. $160,000.
215-273-3761

READINGTON, NEW JERSEY
Horse Country
Beautiful farm, 100 acres, 4 barns in excellent condition, 4 BR house, 90 minutes from NYC.
TURPIN REAL ESTATE, INC.
Far Hills, N.J.
Ask For Harry Edgcomb
(908) 234-9100

NEW YORK FARM!
#1177 - A beautiful small dairy farm. A great farm for milking cows and purchasing feed from local farmers. Present owner is doing this and is very happy with this way of farming. Reason for selling - moving to the state of Washington to be closer to family. Very nice four bedroom ranch home, hotwater heat, inground pool, two story dairy barn 57 big tie stalls and 14 stalls for heifers, 2" pipeline, silos. 20 acres of land with a nice setting close to shopping and schools. Land to rent if desired. $150,000.
Free list of our many listed farms available!
Call for appointment - Dick Posson, Broker
POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727
1-800-334-4399

MOUNTAIN LAND FOR SALE
735 very secluded acres. Bordered on 2 sides by 18,000 acres of State Game Land. Electric on property. Located between Snow Shoe and Pine Glen, Centre County, Pa.
Please call 814-625-2617
Between 8 to 9 a.m.
or after 5 p.m.

CUMBERLAND COUNTY - 65 acres, more or less. 6 room house. Barn, 300 head hog finishing building, 19,000 bushel grain bin, 40'x60' machinery shed. Limestone soil. $199,900.00.
FRANKLIN COUNTY - Fannett Township. 25 acres, more or less. 7 room remodeled house. Barn, smokehouse, milkhouse, shop. Spring. $160,000.00.
CUMBERLAND COUNTY - 7 acres, more or less. Restored lot and frame house with 6 rooms, and 2 baths. Bank barn, utility building. $210,000.00.
Hale REAL ESTATE
14 West King Street
Shippensburg, PA
717-532-2814

For Sale By Owner
320 Acre Dairy Farm, 210 acres tillable, 130 tie stalls and stanchion barn, silos-20x70, 20x70 and brand new 20x70, feed bunk, 3 unloaders, 4 barn cleaners, machine shed, large 4 bdr. home, 1,500 gal. Mueller bulk tank.
158 Acre Dairy Farm, 131 acres tillable, beautiful ranch style home, 2 story barn 36x120, 14x45 cement silo, brand new 20x70 silo, 40x90 round roof machine shed.
Contact
Blue Chip Elevators
Ray C. Liepke
Box 678, Hwy 29W, Abbottsford, WI
Home 715/229-2505 after 7 PM
Office 717/223-2389 8-5

40 Acre Horse Farm For Sale Or Rent

50 Stalls, indoor riding horse barn, w/ wash room, office, restrooms and tack shop. Modern 5 bdr. farmhouse and 2 mobile homes on property. Outside show ring and board fence paddocks. Located in Littlestown, PA 1 mile from Maryland line. Former owners income in the 3 digit numbers.

Call now!
Financing Available
717/225-4811

FARMS CUMBERLAND COUNTY

Beef- Hog Farm 157 Acres gently sloping sandstone soil, 5 bdr stone and alum dwelling, 50x125 bank barn, implement building, silage storage, mountain stream. For details call Charles

General Farm 100 Acres 6BR dwelling, bank barn, implement building, beautiful view of valley, road frontage Call Charles

32 Acre Farmette Western bank barn, 3 bdr Cape cod dwelling plus a double wide M H. Beautiful view, spring Owner will subdivide, call Charles

Franklin Co. 86 Acre general farm, limestone soil, bank barn, 6 bdr frame & log dwelling, spring fed stream, near Willow Hill interchange of PA Turnpike

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARMS AND LAND FOR SALE!

2 STORY LOG HOME on 16 acres w/barn, garage and stream. Call Now!

4 BR FARMHOUSE on 113 acres M/L w/stone butcher house, stream and more! Hamburg Schools. Call for details!

FORMER CAMPGROUNDS- 51 wooded acres w/pond, stream and many improvements along Rt. 419.

HUNTERS WANTED! For this 110 acres of prime Potter Co. hunting grounds w/like-new rancher w/full bsmt. $113,000 - Act Now!

BLUE MOUNTAIN REALTY
215/562-8599 or 215/488-7614

WASHINGTON CO., MD.

102 A. Operating Dairy Farm; Dairy Equip. Included w/sale. $485,000.

LONG & FOSTER REALTORS
Ask For ROSE GREENAWALT
1-800-448-3105
301-797-2300

IOWA FARMS

CENTRAL IOWA FARM - 525 acres with 5 grain bins, $110.00 per acre cash rent available on part of the crop land, tenant available, $1,047.00 per acre.

FARMLAND NEWSLETTER - Over 100 farms for sale in Iowa, Illinois, and Missouri. Member Iowa Farm Multiple.

Hertz Farm Management, Inc.
P.O. Box 500
Nevada, Iowa 50201
515-382-6596 or
1-800-593-5263

Hertz Farm Management

FOR SALE 156 AC. AMISH DAIRY FARM

40 Cow Dairy Barn
Nittney Valley
Call 717-786-1146

CUMBERLAND COUNTY

127 Acres m/l Central Cumberland County no buildings, approx. 90 acres tillable. $1535/acre.

FARM 77 Acres m/l, all tillable, good for dairy, cattle, crop, etc. Home converted to 2 units. Other outbuildings.

62 Acres m/l, 50 acres tillable, new 3 BR limestone rancher, pole barn 50x84.

Central State REALTY INC

Carlisle, PA
(717) 243-6400
Larry Bard (717) 243-1563

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the November 30 or December 28 issues for a complete farm and farmette inventory.

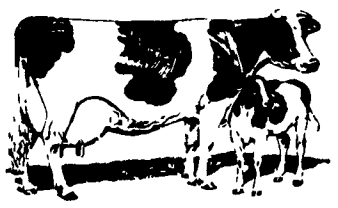
Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 466-2118

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St., State College, PA 16801 (814) 234-4000

FARM FOR SALE



SUBURBAN REALTY
FARM DIVISION
30 W. Main St.
Annville, PA 17003
717-867-4487

20 ACRE FARM
NORTH ANNVILLE TOWNSHIP
LEBANON COUNTY
Older two (2) story home & bank barn Hilltop view, settling estate $239,000
Call Ira R. Shoop
(717) 534-2030

WRITE OR CALL FOR BROCHURE OR FARMS & LAND

CENTRAL PA ORCHARD

40 MI N/W OF HARRISBURG

2 farms consisting of 300 total acres, 110 acres in fruit, apples, peaches, pears and other fruit, 20 acres clear ready to replant, 20 acres in bldg sites and road ways, 150 acres in wood land some of which could be cleared for fruit or sold off as home sites or weekend retreats. Orchards and potential clear areas have good air drainage. Buildings include packing house, cold storage, 2 machine sheds, work shop, green house, 2 dwellings, 3rd dwelling optional. Very secluded with good public country roads to and through property. Owner will sell one or both w/ or w/out dwellings and w/ or w/out machinery and or equipment. Located only several miles from a major highway, therefore having potential for a farm mkt. These farms have potential for other agricultural purposes.

LARRY LONG REAL ESTATE
RD 2 Box 410
Port Royal, PA 17082
Ph: 717-527-4784

FARM PARKE CO., IN

301 ac. livestock farm with 168 ac. excellent cropland. Excellent buildings. $1,162/ac

Contact Ken Baker (317) 497-3981

Call or write for our listing, or see our local listing in Lancaster Farming's November 30th Issue

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

ROW CROP FARM STANDOUT - 35 mi. Columbus Ideal hwy location near 3,000-acre lake, exceptional development potential. 498 Ohio acres, 367-acre corn base, sprgs, creeks Beautiful 175 yr. old 2,500-sq ft., 4-bdrm Colonial, 2 other homes. Exceptional set farm bldgs including continuous flow drying setup & huge shop. $750,000.

UNITED NATIONAL REAL ESTATE
Ph: TOLL FREE
1-800-999-1020
Ex. 770

PRIVACY-YES, ISOLATION-NO. 4 BR home 4 mi from Wellsboro. Lg. kit w/cherry cbnts, full bsmt w/ fam rm, 2 sty garage. $115,000 W-651.

MANY POSSIBILITIES. Comm garage (6000 sq. ft.) w/welding capabilities special paint & body bay $47,000. W-685.

YARD GALORE! 3 BR 1½ bath ranch near town/ state. $47,900 W-697 JUST REDUCED!

HUNTERS PARADISE! 12x60 MH. 2 5+/- ac brdrng state. Elec, well, septic, 2 BR & furnished Secluded $29,500. W-629.

ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
(717) 724-7161

YOUR DREAM HOME - Beautiful 3 BR ranch, frplc in LR, fam rm, 2 wrkshps in bsmt Attached 2-car garage. Act Now! $120,000. M-508

ELEVEN PLUS ACRES, surveyed in Covington Twp $9,900. M-380.

VILLAGE LIFE. Family neighborhood, easy commute to Elmira or Mansfield. 9 Rms, 4 BR, 2 car garage $49,600 M-490.

59.96 ROLLING ACRES. Town water, elec, some woods, near state $39,400. M-507.

ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
(717) 662-3287

CENTRAL VIRGINIA

81.5 Acre Farm 30 acres of beautiful crop land, 5 BR, 2 bath home, 44x90 veal barn, old dairy barn, silo, paved road frontage, 10 min. from Farmville, $195,000.

308 Acre Cattle Farm, 165 acres open, brick rancher, 2 barns, 5 acre lake, 1½ mile of paved road frontage $335,000

560 Acres, 150 acres grass, several branches, close to town, $1,000 per acre.

84 Acres of Hunting Land, pond site, Only $37,000.

50 Acres of Beautiful Land, fronting on a 50,000 acre lake, a great buy for $225,000.

Free Brochures Available
Contact: Mike Lafoon
Coldwell Banker Lafoon Realty Inc.
720 Oak Street
Farmville, VA 23901
1-800-767-6191
804-392-6191
804-392-4375 After 5

FOR GARAGES, HORSE BARNS, GAZEBOS, STORAGE BARNS, COMMERCIAL BUILDINGS, ETC.

Cupolas and Weather Vanes

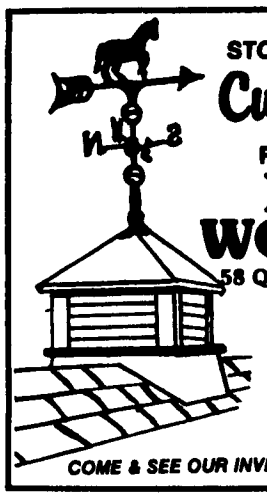
REDWOOD BIRD FEEDERS

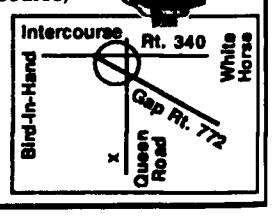
MANNIE'S WOOD SHOP

58 Queen Rd (¼ mile S. of Intercourse)
Gordonville, PA 17529

Ventilate and Decorate

Cupolas Manufactured & Custom Built





COME & SEE OUR INVENTORY ON DISPLAY

HERITAGE REALTY GROUP INC MLS
1525 Science St, State College, PA 16801
814-231-0101

"FULL TIME, FULL SERVICE, EXPERIENCED."

Contact: DON C. MYERS
Residence: (814) 422-8111
KENNETH L. HALL
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FARM & RURAL PROPERTY DIVISION

A HIGHER STANDARD IN PROFESSIONAL FARM MARKETING
offering:

- Planimeter measurement of ASCS photographs.
- Computer plots of legal descriptions.
- A knowledgeable staff that understands soils, productivity, and wetland implications.
- Evaluation of the highest and best use of properties.
- Quality promotion including advertising, detailed brochures, and Ag Progress Days.

If you want the best professional farm real estate service available in Central PA, we would be pleased to be of service to you.

Many farms, farmettes, and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the November 30th issue.

SALE
Grimes Airport

144 Acre Farm - Commercial Airport Berks Co.
(Exit 4, Rt. 78, Bethel, PA.)
Runway 2825x180 turf, administration building, barn, maintenance hangar and 6-hangar building. Motels & restaurants nearby. Brokers protected.

(215) 343-0156

NORTH CENTRAL PA

Great hunting on this beautiful 106 acres, borders state land, small stream thru property. Asking $42,400 W-1160.

71 acres, excellent hunting, southern exposure, septic, open and wooded land, views. $51,000. W-1149.

Nice Lots For Sale: South of Gaines, Elk Township, bordering state lands, perc approved, headwaters of Kettle Creek. Call for details W-1151.

255 ac. dairy farm, 40 cow barn, glass pipeline, barn cleaner, silos, bulk tank, calf barn, heifer barns, corn storage, 4 bulk bins, lg 4 bdrm house + 2 bdrm mobile home, Exc. land, Century farm offering at $290,000. W-1113.

Koch REAL ESTATE

9 Cone Street
Wellsboro, PA 16901
717-724-3500

Northumberland Co.

208 Acre Dairy Farm with 145 tillable, 45 A pasture, 110 tie stall barn 8 years old, very good operating dairy farm.

Dairy Farm, 19 mi. N of Bloomsburg

99 Acre, 73 tillable, 53 comfort stalls, 20x60 Harvestore, 20x60 stave, bunk feeder, bulk tank, 4 BR frame house. $279,500.

Lancaster Co.

43 acres, 36 tillable, small area for pasture and woods. Fronts on Chiques Creek in West Hempfield Twp.

90 acre steer operation with stone home, outbuildings and silo, 30 acres M/L zoned R-1 located between Lititz and Manheim.

White Deer Valley

Dairy Farm, 77 acre, 34 tillable, 9 pasture, bal. wooded, 45 cows, 1 silo.

Call Harry Zimmerman

Office: 717-299-4885
Home: 717-355-2048
1-800-472-2641
Car: 717-575-2542

TOWN & COUNTRY REALTY

WIMPLE ASSOCIATES

HIGH HERD AVERAGE on this 350 acre farm with 275 tillable. Barn holds 128 head, has 2" pipeline for 80 cows, 3 large upright silos, 1000 gallon tank, tile mangers TMR mixer. Two good homes: 3 and 4 bedrooms. $325,000 with 21,000+ lb herd and full line of equipment available.

BANK REPOSSESSION FARM: 350 acres, 50 woods; balance open, 60 cow free stall barn, 2 Harvestore silos, liquid manure system. Old 10 room home. Asking $160,000. Call 607-792-3355.

BARN FOR 200 HEAD with 8 unit 2' pipeline for 104 large ties and 20x70 and 20x90 silos. 2000 gallon tank, 2 Patz cleaners plus manure stacker. Good 5 bedroom home, swimming pool. Cattle, 10 tractors and equipment available, $350,000 bare.

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX: 875-6749
NEW FREE DAIRY CATALOGUES

Near Raystown Lake - Three Springs 69 acres, 3 BR ranch, guest house and bank barn. M565 $159,000.

Cabin on 1+ acre, beautifully finished-Fulton-Huntingdoon Co. line. 1½ story/full basement M-587. $55,000

Near Exit 13 PA Turnpike - 4 BR ranch on 33+ acres. Executive type home-Must see to appreciate-Beautiful views!! Needs some finishing work done. M461 $159,000.

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Home:
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Character Plus Charm! Renovated 4 bedroom farmhouse in move in condition Enjoy the privacy, the picturesque setting and the wildlife. 38 Acre.

Unique country property - 34 acres, ponds, and horse facilities. Stone four bedroom home with 4 fireplaces, 3 full baths and 2 family rooms.

Southern Plantation Style mini-estate of 24 acres. One of the most breathtaking views of the Cumberland Valley.

Unique Contemporary six bedroom home on 50 acres. Well planned 5,600 sq. ft. home in secluded wooded surroundings.

Beautiful Working Horse Farm. Stone four bedroom home. Stone bank barn, a lake, pastures and 400 acres. Smaller parcels can be purchased.

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MLS

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Lycoming Co.

Muncy Area 136 Acre Dairy Farm 52 cow tie stall barn, 3 silos, wagon shed, 4 bedroom house & more. This desirable river bottom farm must be seen to be appreciated. ¾ mile approximate river frontage. Buildings don't flood, high state of cultivation. Other farms available in Lycoming and Northumberland Counties. Call Fred Clark (717) 393-2437.

York Co.

270 ac. plus more available of young fruit trees and grain farm. This property is complete with Roadside market, packing and cooling facilities. The land is in high state of cultivation and very productive. Owners are selling due to their age however the trees are a long way from retirement as most are very young and productive. The fruit crop is very good this year and the fruit is good size. There is a pond and very good stream for irrigation and they are now pumping 500 gal. per min. from the stream. Call Sandy Leaman for a confidential showing and interview. @ (717) 393-2437.

Blair Co.

130 acre dairy farm in the Martinsburg area. This farm has a very good stream, some woodland, gentle slope and very fertile soil. Call Sandy Leaman for more info. @ (717) 393-2437.

Fred Clark is back again as a full time Real Estate agent and will be glad to work at selling your farm in any County. Call and ask for Fred.

"We will sell your farm at Auction or by Brokerage" Call for details.

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Lancaster, Pennsylvania 17603
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FARMETTE... 7½ Acres, Stone Home, Bank Barn, More Land Available.....$195,000

LEBANON COUNTY...

FARMETTE... 10 Acres, Stone Home, Bank Barn, Horse Barn $295,000

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#109 - 276 Acre Dairy Farm w/large single story tie-stall barn for 87 milkers, plus heifers. Two silos, large machinery shed, 10 room home plus 12x60 ft. trailer house. A good buy at **$300,000 or $370,000 equipped.**

#110-248 Acre Dairy Farm w/130 tillable. Located on quiet paved side road. 47 tie-stall barn plus 30 heifer stalls, silo, machinery shed & well-kept nine room home. $80,000 down owner finance. Offered at **$210,000.**

#129 - NEW LISTING: 204 Acre Dairy Farm with 110 tillable - 36x180 ft. barn w/67 tie stalls, shop, storage bldg., 3 silos, milk house - productive, easy to work, level land w/shed. Brook running thru property. Very reasonably priced at **$190,000 bare or $375,000 w/cattle & machinery.**

#130 - NEW LISTING: 788 acre dairy & crop farms w/272 A. tillable - exceptionally well-kept properties w/3 homes, 3 barns, 5 machinery sheds & 3 concrete & 1 Harvestore silo - plenty of water w/3 ponds, 3 wells, 1 spring - this is an excellent opportunity for investment, or for someone interested in owning a beautiful dairy of distinction farm - offered at **$890,000.**

#308 - 350 Acre Dairy Farm w/262 A. tillable - 36x232 ft. 2-story barn for 160 head - 20x70 & 42x20 ft. Harvestores - also 20x50 ft. Unadilla silo - around the barn pipeline - 1,000 gal. bulk tank - feed room w/mixer for TMR - lots of water w/2 wells & 3 ponds - 8 room cape cod home, 7 room double-wide & 14x65 ft. mobile home on 3 acres available if wanted. **$575,000 equipped or $325,000 bare.**

GIVE GEORGE A CALL FOR ALL YOUR NEEDS IN FARMS AND J.R. THORN FOR RESIDENTIAL. WE HAVE MANY LISTINGS TO MEET ANY NEED.

LANCASTER COUNTY, PA

1. 120 Acres (M/L) working dairy farm (96 T.A.) 5 Silos - Both Free Stalls & Tie Stalls. Road Frontage on Three Sides! 1st Class Operation! Possible Cattle & Equip Also.

2. 10 Acres Working Horse Farm w/Double Farm House & New Horse Barn - Three Other Buildings. "Super Good Investment".

3. 11 Acre Tract (Lots of Road Frontage) w/Dairy Barn & Historic Old Stone & Frame Dwelling in Salisbury Twp. 1 Mile North of Rt. 340.

PERRY COUNTY, PA

1. Picture Perfect Working Dairy Farm, 51 Comfort Stalls - 50x90 Equip. Shed, Fabulous House - Even Swimming Pool on 144 Acres.

2. Next Door to #1 - 142 Acre Dairy w/44 Comfort Stalls, Pipeline, New Barn Cleaner, Large Milk House Out Front of 3 Bay Bank Barn. Land Lays Real Nice w/Stream Thru 20 Acre Pasture. Large Frame House w/One Bath, Needs T.L.C. Immediate Possession Here!!

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9 AM - 9 PM
Sat.
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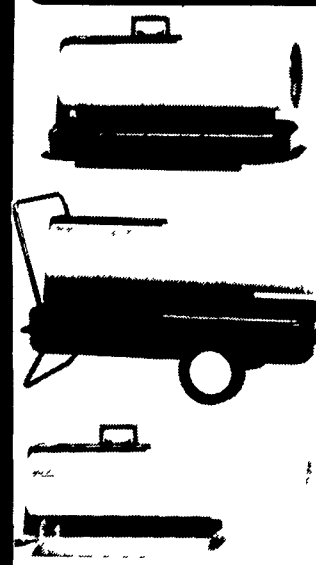
ARCTIC FLAME™ HEATERS
By LAWN BOY



35,000 & 55,000 BTU's - Lightweight Compact hand-portable forced air heater. Perfect for garages and workshops. Uses inexpensive kerosene.

150,000 BTU's - Instant, easily portable forced air heat. Comfort at your fingertips. Simply fill tank with kerosene or #1 fuel oil and plug into any 115V grounded outlet where adequate ventilation is available. Runs 15 hours on one filling. Automatic shut-off control standard. ARL Listed. Optional UL Listed thermostat available.

150,000 BTU LP Heater - This liquid propane fueled heater is ruggedly built for larger spaces such as warehouses, barns, factories and construction sites. Comes complete with built-in thermostat and fuel hose, with inline regulator. A.G.A. Certified.

	Reg.	SALE
35,000 BTU	$159.95	$139.95
55,000 BTU	$189.95	$169.95
150,000 BTU	$359.95	$299.00
150,000 BTU, LP Gas	$319.00	$299.00

FLOATING TANK DE-ICER

SKU 71333
1500 Watt,
Plastic,
No. H-4815

Reg. $27.99
SALE
$20.99

ACTION PACKER STORAGE CONTAINERS FROM RUBBERMAID

Convenient durable storage organizeres. Inter-locking handles. Stackable design. Double wall lid for added strength.

$14.99 15.5 gallon.
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Great baking without the clean-up.
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LASAGNA AND ROASTER FOIL LINER PANS
Reusable aluminum foilware. Bake, roast, store, reheat.
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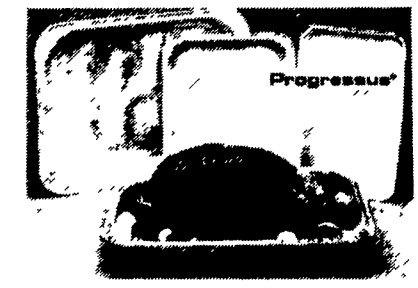

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SKU 48500

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- Comfortable Paddle Switch With Lock On For Easy Operation
- Full One Year Professional Use Warranty

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Read outside and inside temperatures on same F° & C° scales. No. 5326
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Bold numbers and graphics allow accurate reading at a distance. Choose from a variety of scenes or plain. No. 4958, 49516, 49512, 49562
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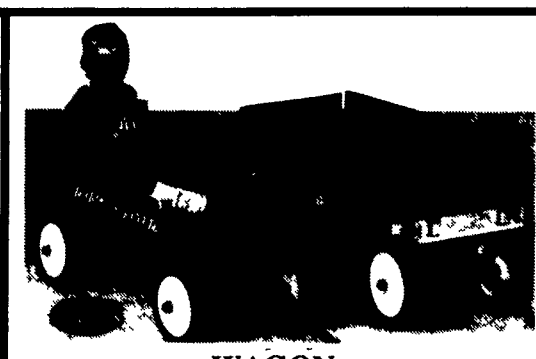

TOWN AND COUNTRY WAGON

Extra-large capacity body crafted of select hardwood. Strong front and rear cleats. Patented Fit-Grip won't pinch small fingers. Easy to assemble. No. 24

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WAGON
A favorite, year after year. Durable all steel construction. Exclusive no-pinch ball joint. Easy to assemble. Ages 2 & up. No. 90

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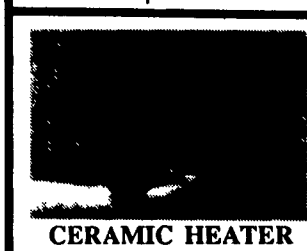

CERAMIC HEATER
Portable-lightweight. Safety tip-over switch. Cabinet stays cool. Heats a 20'x20' room. 5200 BTU. No. 8993-R
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12,000 BTU PROPANE HEATER

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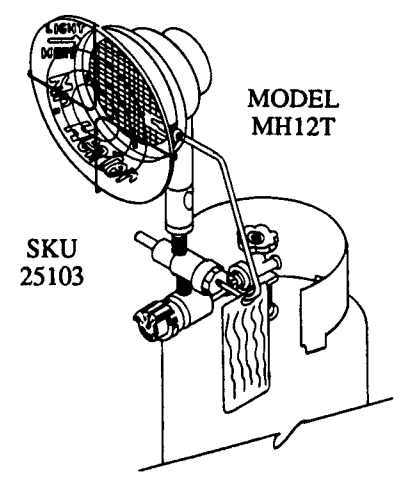
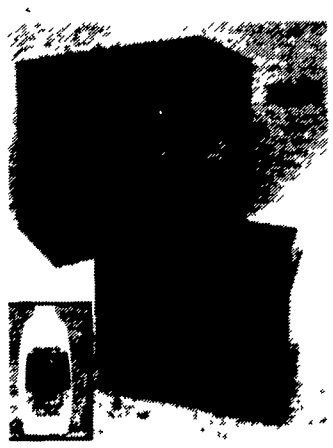


MODEL MH12T
SKU 25103

HUMIDIFIERS



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2-speeds. 1000 square foot capacity, 3 gallon output per 24 hours. Replaceable two-stage filter No. 5273
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Variable speed control complete with two-stage air cleaner filter. 12 gallon output. Concealed controls for complete furniture styling. No. 4973
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$9.94

C. RECYCLING BINS
Stackable bins make recycling easy and convenient.
$10.99 16 gallon, No. 804 **$12.99** 20 gallon, No. 806

Fisher & Thompson, Inc. Invites You To Their Sixth Annual OPEN HOUSE

FIVE BIG DAYS

TUES., DEC. 10, 1991
thru SAT., DEC. 14, 1991

9:00 AM - ?
Sat. 9:00 A - 12 Noon

Come Join The Fun & Fellowship

See The Latest

In WESTFALIA SYSTEMAT, NuPulse America Inc

& BLUE DIAMOND MANUFACTURING CO.

Dairy Milking Equipment On Display And Talk To Many Of Our Product Representatives

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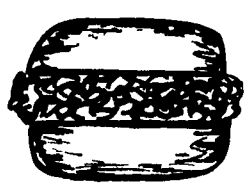
WORKING DISPLAY - BLUE DIAMOND PARLOR STALLS

DOOR PRIZES AWARDED DAILY

HOT LUNCH SERVED DAILY



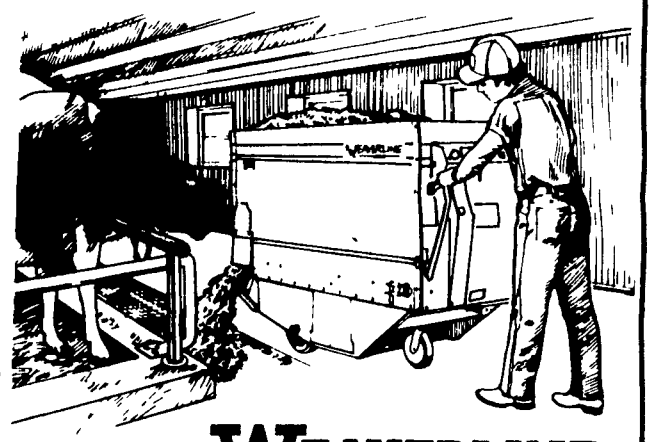
BACK BY POPULAR DEMAND...

★ OUR SPECTACULAR ★ *GRAND PRIZE DRAWING*

Weaverline SS 30 Bushel Feed Cart- Model 430

- Hydrostatic Drive
- Includes Newest TR24 Charger
- All Stainless Steel Augers

Retail Value $5,070



SECOND PRIZE -
$200 Of Milkhouse Supplies

THIRD PRIZE
$100 Of Free Supplies

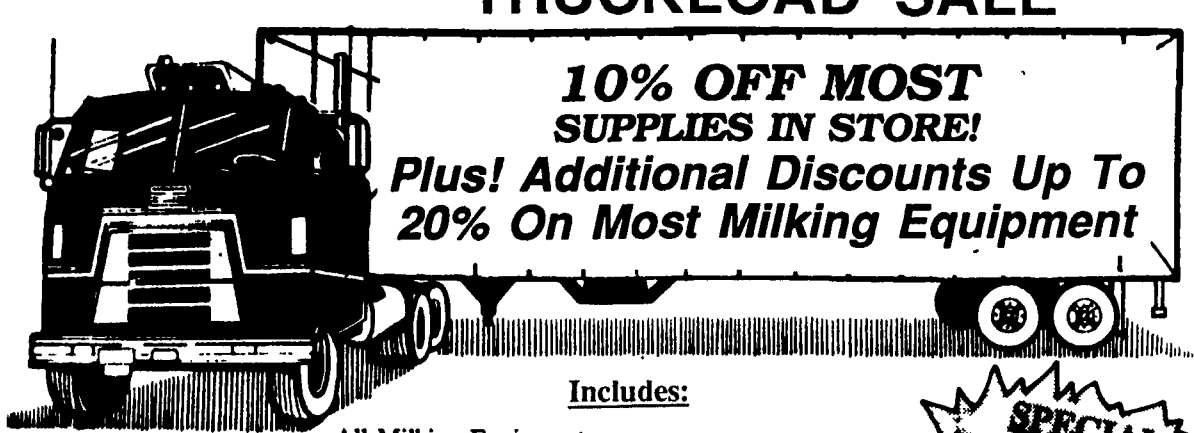
WEAVERLINE

Every $250 Of Equipment/Supplies Entitles You To Enter Our Grand Prize Drawing - No Limit On Tickets.

SPECIAL BONUS!

For All Purchases Made Tues., Dec. 10, And Wed., Dec. 11 - You Are Eligible To Win A **HEAVY DUTY WEED EATER,** Drawing Thurs., Dec. 12, At 8 A.M. You Are Also Eligible For The **GRAND PRIZE DRAWING.**

TRUCKLOAD SALE



10% OFF MOST SUPPLIES IN STORE!
Plus! Additional Discounts Up To 20% On Most Milking Equipment

Cash And Carry

Includes:

- All Milking Equipment (StimoPulse, Visotrons, Bio-Milkers, Computers, NuPulse Pipelines & Milkers)
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- *Plus Many More Unlisted Items*

SPECIAL MiraFount ENERGY FREE WATERERS

FISHER AND THOMPSON, INC.

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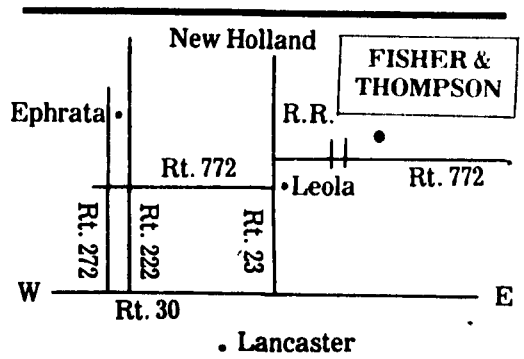

ARMSTRONG Rhino-Tough Tires

USED 10.00x20 & 11.00x20 TIRES... CALL FOR PRICES!

18.4x38 8-PLY GENERAL Special $410.00

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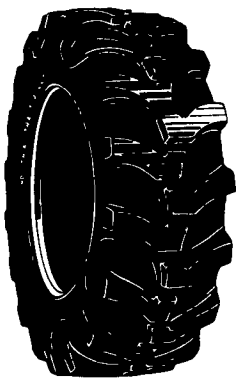

BACKHOE

★ TUBELESS ★

14.9x24, 8 Ply, Tubetype	$290.00
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16 9x24, 10 Ply	$330.00
16.9x28 8 Ply	$340.00
17.5x24, 8 Ply	$315.00
17.5Lx24, 10 Ply	$335.00
18.4x24, 8 Ply	$430.00
18.4x24, 12 Ply	$530.00
19.5Lx24, 10 Ply	$500.00
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12Lx24, 12 Ply, 21L-24	$650.00
15.5x25, 12 Ply	$365.00
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23 5x25, 12 Ply	$1,265.00
23 5x25, 16 Ply	$1,300.00
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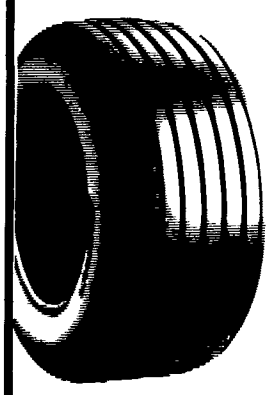
GRADER

1300x24, 10 Ply	$295.00
1300x24, 12 Ply	$325.00
1400x24, 10 Ply	$340.00
1400x24, 12 Ply	$375.00
1300x24, 10 Ply Tubeless	$350.00
1400x24 12 Ply Tubeless	$440.00

CALL FOR QUOTE ON TRUCK TIRES!

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8.51x14, 6 Ply	$51.00
9.5Lx14, 6 Ply	$53.00
9.5Lx14, 8 Ply	$55.00
9.5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$50.00
11Lx15, 10 Ply	$80.00
1000x15, 8 Ply	$63.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12.5Lx15, 10 Ply	$72.00
12.5Lx16, 14 Ply	$98.00
12.5Lx15, 12 Ply	$85.00
14Lx16.1, 12 Ply	$172.00
16.5Lx16.1, 10 Ply Tubeless	$192.00
25x7.50x15, 4 Ply Tubeless	$51.00
25x7.50x15, 6 Ply Tubeless	$58.00
27x9.50x15, 4 Ply Tubeless	$63.00
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27x9.50x15, 8 Ply Tubeless	$80.00
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Hi Traction Lug

15.5x38, 6 Ply
$285.00

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11.2x24, 6 Ply	$155.00
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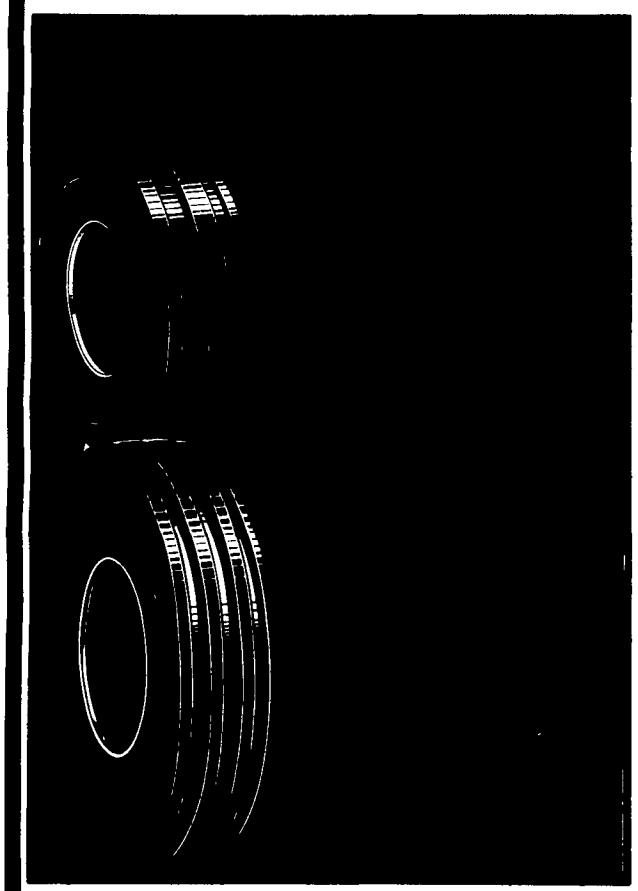
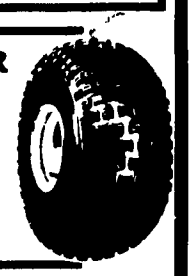
14.9x24, 6 Ply	$226.00
14.9x24, 8 Ply	$270.00
16.9x24, 6 Ply	$280.00
16.9x24, 8 Ply	$292.00
14.9x26, 6 Ply	$233.00
18.4x26, 6 Ply	$329.00
18.4x26, 10 Ply	$400.00
23.1x26, 8 Ply	$675.00
11.2x28, 4 Ply	$160.00
12.4x28, 4 Ply	$180.00
13.6x28, 4 Ply	$192.00
13.6x28, 6 Ply	$220.00
14.9x28, 4 Ply	$220.00
14.9x28, 6 Ply	$235.00
14.9x28, 10 Ply	$370.00
16.9x28, 6 Ply	$288.00
16.9x28, 8 Ply	$310.00
16.9x28, 10 Ply	$352.00
16.9x30, 6 Ply	$310.00
18 4x28, 6 Ply	$300.00
18.4x30, 6 Ply	$355.00
23.1x30, 8 Ply	$790.00
24.5x32, 10 Ply	$920.00
16.9x34, 6 Ply	$340.00
18.4x34, 6 Ply	$385.00
18.4x34, 8 Ply	$425.00
20 8x34, 6 Ply	$620.00
20 8x34, 8 Ply	$680.00
23 1x26, 10 Ply	$705.00
23 1x34, 8 Ply	$870.00
11 2x38, 4 Ply	$191.00
12 4x38, 4 Ply	$230.00
13 6x38, 4 Ply	$230.00
13 6x38, 6 Ply	$263.00
14 9x38, 6 Ply	$300.00
15 5x38, 8 Ply	$340.00
16 9x38, 6 Ply	$370.00
16 9x38, 8 Ply	$415.00
18 4x38, 6 Ply	$430.00
18 4x38, 8 Ply	$460.00
20 8x38, 8 Ply	$680.00
20 8x38, 10 Ply	$780.00



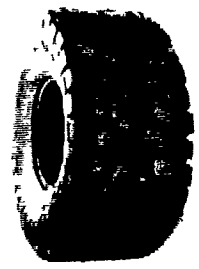
CONTRACTOR F-3

11Lx16, 10 Ply	$95.00
11Lx15, 8 Ply	$90.00
11Lx15, 10 Ply	$105.00
750 800x16, 10 Ply	$104.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16 1, 10 Ply	$246.00

3 WHEELER TIRES

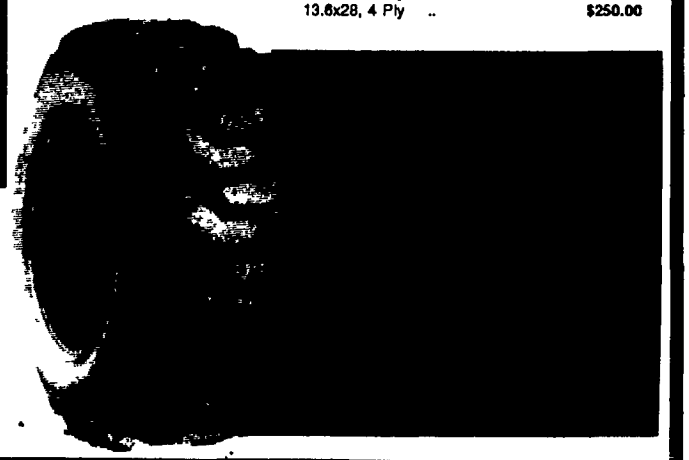


21x7 00 8	37.00
22x11 00 8	42.00
22x8 00-10	45.00
22x11 00-10	50.00
25x12-9	60.00
18x950 8	41.00



ARMSTRONG TURF

8 3x24	$125.00
9 5x24	$141.00
14 9x24, 6 Ply	$250.00
16.9x24, 6 Ply	$270.00
18 4x16 1, 6 Ply	$280.00
18 4x26, 6 Ply	$433.00
13 6x28, 6 Ply	$280.00
13.6x28, 4 Ply	$250.00



Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8.3x24, 4 Ply	$107.00
8.3x24, 6 Ply	$113.00
9.5x24, 4 Ply	$120.00
9 5x24, 6 Ply	$128.00
11.2x34, 4 Ply	$180.00
11.2x36, 4 Ply	$183.00
12.4x24, 4 Ply	$156.00
12.4x36, 4 Ply	$240.00
13.9x36, 6 Ply	$256.00

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We Install Tires On Your Farm
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Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

LIGHT

Just how the topic of light fits into hog production isn't well understood. Most agree it can affect performance.

But, to date, we lack standards on how many hours of light are needed or what intensity is best. So I took a look at the research conducted over the past 30 years. Here's what I found.

Growing-Finishing Hogs

Given the choice, pigs will spend about 18 hours a day in the dark, Canadian studies show. Other studies seem to parallel this finding.

When pigs are raised in complete darkness, weight gains are depressed. And conversely, providing more than 6 to 8 hours of light for growing-finishing hogs is of no value.

For many producers, the 8-hour requirement is easy, since most hogs are grown in modified open front facilities. But for those in totally enclosed buildings, leaving the lights on during working hours makes good sense.

Developing Gilts

One thing is pretty certain regarding gilts — those in confinement won't cycle as early as those outside. Lots of studies show that, but we don't know why.

Light and daylength may be part of it, but other factors seem to be involved as well.

If you're committed to confinement, then what? Light isn't the whole answer, but keeping gilts out of the dark will help.

For example, experiments at Iowa State and in Canada show that gilts in total darkness will be slower coming into heat than those getting artificial light or natural light through windows.

How many hours of light are needed? Experiments point to 6 to 8 hours as an absolute minimum. And studies at Purdue make a 15-hour schedule look pretty good — especially during late summer and fall when day length is waning.

From August to January, gilts getting 15 hours of light (8 hrs natural, 7 hrs artificial) cycled an average of 20 days earlier than those on natural light alone.

Developing Boars

Light does influence the time it takes for boars to reach sexual maturity. But the details are a little different from what we described for the gilts. With the male, it doesn't seem to matter whether days are getting longer or shorter. If the daylight is short, supplemental light will accelerate mating behavior.

Studies at Purdue show that 15 hours of light (8 hrs natural, 7 hrs artificial) will increase libido scores in young boars.

Unfortunately, these boar experiments are a little misleading. For one thing, only crossbred boars were used. Many commercial producers use purebred boars. Secondly, libido scores were taken from about 5 to 8 months of age — too early to be using boars in the first place.

Lactating Sows

Only a few studies have measured the effect of light on lactation. But the results are striking.

For example, at Kansas State, sows getting supplemental light weaned liters that were 6 pounds heavier at 25 days than those exposed to lights only at feeding time. And by 5 days post weaning, 83 percent of the sows in the lighted group were in heat, compared to only 68 percent in the dark group.

In a University of Georgia experiment, sows receiving 16 hours of light weaned .9 more pigs and litters that were 10 pounds heavier at three weeks compared to sows on eight hours of light. Survival of all pigs weighing 3 pounds and under at birth was improved.

How Does It Work?

We haven't answered that one yet. Study after study shows that light has no influence on the hormones crucial to reproduction. About all we know is that the more time a pig spends in the dark, the heavier his pineal gland becomes. (This is a tiny structure in the brain that starts out as a third eye in the fetus, but ends up as a pineal with nerve connections to the functional eyes.)

Recommendations

We don't have all the answers, but here are some suggestions:

How Long?

- Growing-finishing hogs. If you have hogs in dark confinement buildings, lights should be on a minimum of 8 hours a day.
- Developing gilts. From about August until January, gilts cycle earlier with 16 hours of light. If you have ample light coming through windows or curtains the rest of the year, that'll be adequate. If gilts are housed with the other market hogs, then the finishing floor should have 16 hours of light during late summer and fall.
- Developing boars. Sixteen hours seem to provide the best response for very young boars. But as long as boars are getting 8 hours throughout the growth period, that'll probably be adequate for practical situations.
- Lactating sows. Provide 16 hours.

How Bright?

Light coming from fixtures covered with dust and fly specs will not be enough. Light coming through fan blades will not be enough. Light coming from heat lamps in the farrowing house will not be enough.

Most experiments indicate 300 to 400 lux is optimum. To be sure what you have, measure the intensity about one foot off the floor. Otherwise, a rough rule of thumb is that one 150-watt incandescent bulb will provide about 300 lux over 100 square foot area (about the same area as three farrowing crates). One 40-watt fluorescent bulb will do about the same.

And keep in mind that lights in the farrowing house should be installed over or behind the sows head so the front of the crate doesn't create an obstruction.

What Kind?

It doesn't matter. Incandescent or fluorescent will work equally as well. But remember, fluorescent lights provide more light, watt for watt, than incandescent.

Shorthorn Futurity

LOUISVILLE, Ky. — The Ninth American Shorthorn Heifer Calf Futurity Show was held in conjunction with the North American International Livestock Exposition in Louisville, Ky.

The Futurity Show was one of the beef highlights of the NAILE.

In futurity contests, all the entry money is awarded back to winners in each of the three classes.

Class I, the oldest calf heifers, awarded six places. Class II, the second oldest, awarded six places. Class III, the youngest, awarded three places.

Ten judges were selected by the futurity committee. Each judge was given birthdate, weight and frame score information for each of the 15 calf heifers.

Each Shorthorn heifer calf in the Futurity carries the genetic bloodlines of the breed's leaders, in the desired performance traits, in many categories, according to Dr. Roger E. Hunsley, executive secretary of the American Shorthorn Association.

"We buy the best females we can afford and perform embryo transplants. The best way to have a national champion is to use embryo transplants. If you are not in the business of doing transplants, you simply can't compete with the best of the breeds," said Ralph Ramsey, a competitor from Greenfield, Ind.

After judgements were made, the 15 shorthorn heifer calves were auctioned off to the highest bidder.

"These breeds have contributed to the genetic pool of excellence across the country. You can count on these breeders," said Dr. Hunsley.

The top seller was a heifer out of Allerton, Ill., Riola Star Baby ET, weighing 770 pounds. She was calved September 16, 1990 and sold for $5,000.

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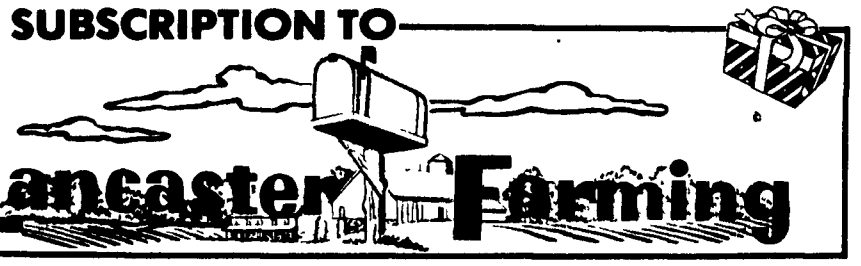

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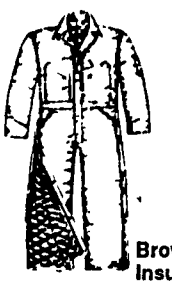

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Hereford Association Elects Directors

KANSAS CITY, Mo. — Highlighting the American Hereford Association's (AHA) 110th annual meeting in Kansas City was the election of officers and directors.

Elected to the presidential position was James Bright, LeGrand, Calif. Bright has served as an AHA director since 1986 and the past year as the senior vice president. He succeeds L.C. "Loyd" Whitehead, Dallas, Texas.

James Bright, a graduate of California Polytechnic State University, San Luis Obispo, began his Hereford career in 1963 with the present day, family-owned operation, Bright Brothers Herefords. He is a nationally known breeder and leader in the Hereford industry.

James has served as president of the California-Nevada Hereford Association and as president of the AHA's State Presidents Council. The Bright Brothers' cattle have enjoyed much success in the showring including the prestigious National Western Stock Show in Denver, Colo. In addition, the Bright Brothers named has earned recognition for holding one of the top production sales in the western states.

Thomas Bradbury, Byers, Colo., elected to the board of directors in 1988, was elevated to senior vice president position. The Bradbury family started raising Herefords more than 40 years ago with the present operation consisting of some 150 registered and 600 commercial cows. Tom has taken an active part in the cattle industry as well as his community serving as president of the Colorado Hereford Association; as a member of the AHA's State Presidents Council; as an advisor for the Colorado Junior Hereford Association; as a board member of his bank, telephone, and gas cooperatives; and as president of the school board. Tom and his wife, Margaret, have three children.

Newly elected board of directors were John Dudley, Comanche, Texas and James Monahan, Hyannis, Neb.

John Dudley comes from a family that is one of the most recognized breeders in Texas. The Dudley Brothers operation was established in 1938 by John's late father, Gail, and two brothers. Encouraged by his father to pursue a career other than agriculture (since growing up on the ranch had already given him a good education), John received a bachelor of arts degree in political science from Trinity University in San Antonio, Texas and a bachelor of arts degree in Spanish and Latin American from Thunderbird Graduate School in Phoenix, Ariz. After serving in the Navy Reserve and pursuing some other interests, John returned to the ranch. John is a noted leader in the Hereford industry, serving as the Texas Hereford Association president in 1989-1990.

Many eyes have focused on the Circle Dot brand of Monahan Cattle Company over the years. Founded in 1887 by James Monahan's grandfather, James H., the Monahan Cattle Company has grown to be one of the largest commercial and registered Hereford operations in Nebraska. The Monahan name is familiar to Hereford breeders as leaders and active participants as James' late father, Earl, served as an AHA director in the 1950s and as president in 1960. James currently is serving as president of the Nebraska Hereford Association and is a member of several committees of the National Cattlemen's Association. James and his wife, Hildreth, have four children of which their two sons, Bryan and Bob, take an active part in the operation.

New officers of the American Junior Hereford Association are, left to right, front row, Amy Maddox, second vice president; Jenny Allan, secretary; Lisa Bryant, director; and Judith Oman, director. Back row, left to right, Joel Rausch, director; Dwight Sexton, first vice president; Jeff Fowle, president; Bob Weaber, treasurer; and Jody Watson, reporter.

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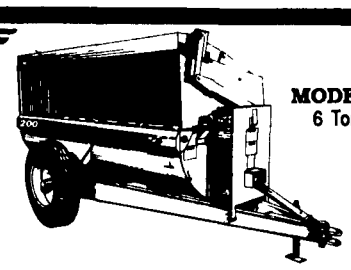

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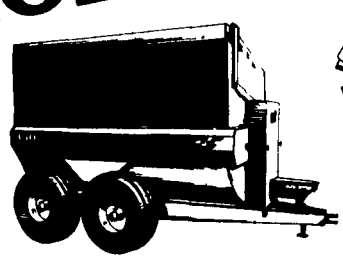

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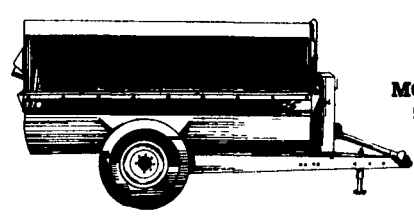

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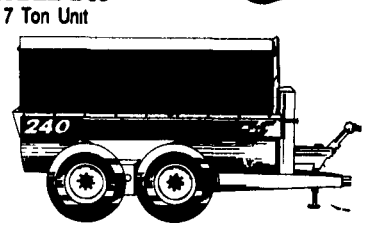

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National Hereford Show Season Begins

KANSAS CITY, Mo. — Hereford breeders from 20 states led out their finest for the first national Hereford show of the season here at the American Royal Livestock Show.

With the American Hereford Association's annual meeting and a number of other activities, the 74 owners led out a strong showing of 100 head to climax the various events. Rod Ogren, Marcus, Iowa, completed the official placings.

Cattle exhibited by K&B Herefords and owned by Ken and Bonnie Bieber, Onida, S.D., caught Judge Ogren's eye for most the day as they finished the day with three champions. Biebers made their first appearance in the winner's circle when K&B Horizon 9208 1ET captured the grand champion bull honors. Earlier victories in the senior yearling class and senior division secured the victory for the DR Achiever 8403 son.

The second championship award for the Bieber family came when K&B Jac 077 walked out of the ring with the reserve grand champion bull banner. Co-owned by White Herefords, Banner, Wyo., and George Ochsner & Sons, Torrington, Wyo., the junior yearling followed his stallmate through the ranks as a K&B Design 8019 1ET son.

The grand champion heifer honors were claimed by another consistent winner, Adams Bros. & Co., owned by Bill and Liz Sharp and managed by Roger Chenoweth, Kilgore, Neb. This Tex Prime Time daughter, ABC Jazzy Time 0220, began her successful outing as the first place senior heifer calf and the calf champion.

K&B Herefords claimed their final championship title when K&B Starlet 0157 1ET won the reserve grand champion female honors. Star Donald 335F 4ET sired the champion that also won the late spring yearling class and yearling division.

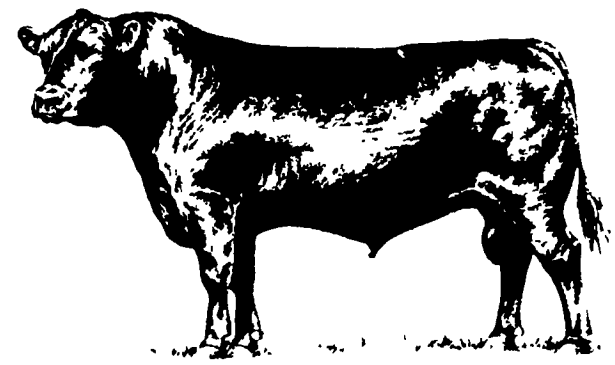
The champion bull in the calf division was the junior calf class winner, H 8072 L1 1002 1ET. Hudson Herefords and John R. Berry, both of Harrison, Ark., exhibited the Arrow CL1 Dom 8072 son. The reserve champion bull calf award went to Adams Bros. & Co. on ABC Endeavor 1086. The spring bull calf winner was sired by ABC Powertime 9052.

Butch Sellman & Family, Crawford, Neb., made their way to the winner's circle with the reserve yearling champion bull. SR Progress 0117, a Tex Prime Time son, earned the honors after a blue ribbon finish in the late spring yearling class.

The reserve senior champion bull hailed from the stalls of Adams Bros. & Co. ABC Big Time 9027, also owned by Micheli Hereford Ranch, Ft. Bridger, Wyo., and Bar Lyn Ranch, Powell Butte, Ore., earned recognition as a 2-year-old son of Tex Prime Time.

Jeff & Ryan Chenoweth, Kilgore, Neb., received the reserve champion heifer calf honors with C&S Elegance 0199. Tex Prime Time sired the senior heifer calf. Junior exhibitor Becky Cogburn, Cheyenne, Okla., led her late spring yearling into the reserve yearling champion female spot. This home-raised heifer named BC Ms Priss 021 captured the victory as a J Bar F Precision daughter.

Adams Bros. & Co. was awarded the blue ribbon in the best six-head and get-of-sire classes. A combination of Tex Prime Time progeny won the first-place get title.



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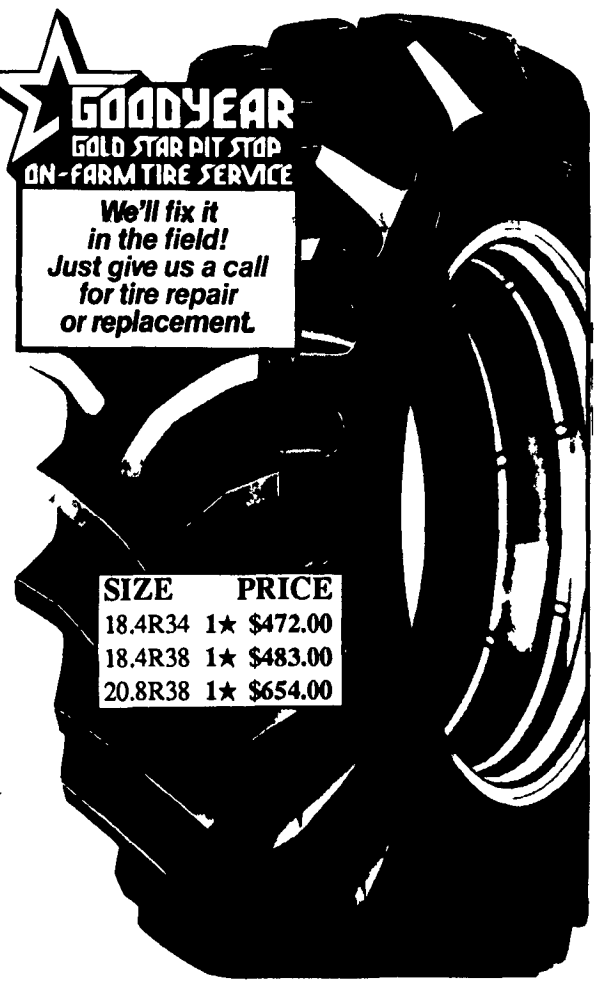

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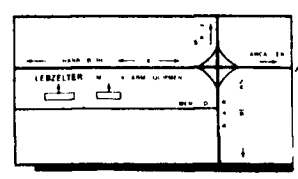

Food Exporters

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Robert L. Walker participated in the first official business meeting of the Maryland Food Exporters Association this month. More than 50 Maryland food companies were on hand. The goal of the group is to recruit more Maryland companies into exporting their products.

"I compliment Stephen Phillips of Phillips Foods for spearheading the formation of this trade association," Walker said.

"It is absolutely essential that Maryland food businesses come together to promote international exports. Although an individual company can do it alone, there is greater opportunity when we can work together as a team promoting a wider array of products or services," said Walker.

"It is our desire to promote Maryland food around the world," said Phillips.

"With the help of the Maryland Department of Agriculture and the Maryland International Division, I believe we will make dramatic breakthroughs in our food exports. I urge all Maryland food companies to consider becoming part of the Maryland Food Exporters Association," Phillips said.

During 1991, the Maryland Department of Agriculture's International Marketing Division has helped Maryland food companies sell cattle to the Caribbean, canned clam products to Mexico, wine to Japan, and processed apple products and fruit preserves to Barbados.

"We have made a good beginning. This association will allow us to compete more effectively in foreign markets," Walker said.

4-H'ers Finish 3d In National Contest

LANCASTER (Lancaster Co.) — The Lancaster County 4-H Judging Team representing Pennsylvania exhibited their knowledge about livestock when they competed for honors with 140 other 4-H members from 35 states during the National 4-H Livestock Judging Contest recently in Louisville, Ky. The event was held in conjunction with the North American International Livestock Exposition.

The primary objective of the Livestock Judging Contest was to provide youth enrolled in 4-H livestock projects with the opportunity to demonstrate their knowledge of livestock-related subject matter in a national competitive setting.

The Pennsylvania Team of Peter Hoffines, Marietta; Wendall Landis, Manheim; Mark Tracy, Elizabethtown; and Dwain Livengood, Lancaster placed third in the highly competitive contest which included classes of beef, sheep, and swine, including both market and breeding animals, most with performance data. The contest also included four sets of oral reasons and two classes with questions - testing the judger's ability to recall details about the animals Pennsylvania's team placed second in beef judging, fourth in sheep judging, 12th in swine judging, and eighth in oral reasons.

Top individual for Pennsylvania was Wendall Landis, who, on his way to second place overall, achieved third in beef judging and ninth in sheep judging. Dwain Livengood, who placed third overall, also placed fifth in sheep judging and sixth in beef judging.

In preparation for their trip to Louisville, the team competed in four interstate competitions, placing third at the Keystone International in October. En route to Louisville, the group, including coaches Greg Musser, Mount Joy and Chet Hughes, extension livestock agent, practiced at Harvest Plantation, McKean Bros. Angus, Ohio State University, The University of Kentucky, and Shipley Duroc/Large Whites. The team also enjoyed a tour of thoroughbred horse farms in Lexington, Ky. including the Keenland Racetrack and Churchhill Downs.

The winning team in the 1991 contest was Illinois, followed by Indiana, with Pennsylvania in third.

Contest support and awards to top winners were sponsored by the North American International Livestock Exposition, livestock breed associations, and animal industry sources.

The Pa. 4-H Livestock Judging Team placed third in a national livestock judging contest. Left to right: Chester D. Hughes, extension livestock agent, Lancaster; Greg Musser, coach; Mark Tracy; Dwain Livengood, third highest individual; Wendall Landis, second high individual and Peter Hoffines.

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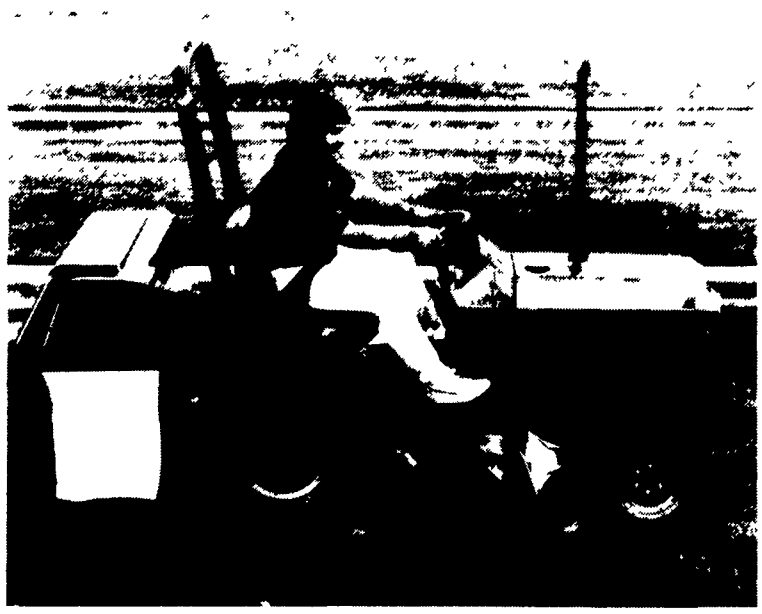

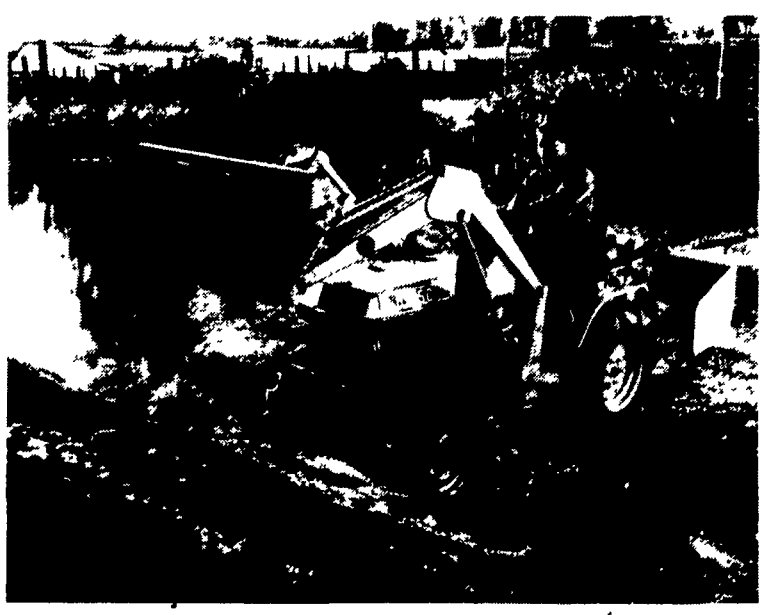

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The Gable Formula: Better Forages = More Milk

ANDY ANDREWS
Lancaster Farming Staff

ELVERSON (Chester Co.) — Charles-Don Gable Farm took a good, long look into their farming operations several years ago. In the end, they came up with winning combinations that put more milk in their pipeline.

Those combinations involved using a nutrition service to examine the quality of forages and feed and making necessary adjustments that, this year, made them the most improved Ayshire dairy. Those changes allowed them to post a 1,877-pound milk increase for the DHIA record year.

A 76-pound increase in fat and 80 increase in protein also worked hand in hand to help them realize profi from listening to their nutrionist and understanding his advice.

"That's the reason the herd average jumped last year, because we had good forages," said Don Gable, who, with his father Charles, farms about 135 crop acres near Elverson. "That's a large part of the reason. Just better hay. And we forage test all the time."

Valuable information

The farm milks a total of 80 cows from a freestall with a milking pipeline. The farm manages approximately 60 replacement head. Herd average at last report was 17,800 lbs. at 4 percent fat and 3.4 percent protein.

What got them to that point dealt with how much they garnered from their nutritionist, Dr. Walter Kennett of F.M. Brown's Sons, Inc. Valuable information it was, indeed. The forage improvements, combined with good growing conditions, allowed them to improve from 1989 (a wet, dismal year for growing), through last year, one of the best ever.

This summer, the Gables also enjoyed a good growing year. They were a part of the state's southeastern corner that enjoyed rainfall that, for the most part, shielded them from the statewide drought.

"We were very fortunate this year," said Charles Gable. "We had rain. From New Holland west, it started getting dry." Gable said the field was checked recently at 205 bushels of corn. In comparison, "if you go to Carlisle, they had five bushels," he said.

Don Gable makes out a feed list while holding son Joshua, seven months.

Hiring a nutritionist and obtaining high quality forages allowed the Gable farm to post a 1,877-pound milk increase in their Ayrshire herd, according to Don Gable, who feeds the cows.

Listening to weatherman

As for the forages, Gable said that "listening to the weatherman" and drying the alfalfa hay out as soon as possible helped ensure good quality.

Also, the farm ground is heavy, and when it rains too much, a great deal of the alfalfa hay stands are lost. In 1989, with the wet season, they lost a great deal of the stands.

But improvements in the weather blessed them with a better crop this year.

The secret, according to Charles Gable, is "the nutritionist.

Old school

"You see, I'm of the old school," he said. For the older farmers, much of the information is difficult to understand and apply on the farm because of the lingo. "It's getting so technical, it's beyond me anymore. That's why," he said, motioning to his son, "I send him to school.

"High detergent fiber, and this kind of fiber and that kind of fiber, I don't know what they're talking about. He can just understand it." Charles said.

Don Gable was graduated from Penn State with a degree in dairy science. Charles said that his son, because of the valuable Penn State training, can more fully understand and apply knowledge of forages to the farm operations.

"When I came on after high school," said Charles, "and the changes I made, there was a tremendous increase (in milk). The same thing happened again. The biggest change has been the nutritionist. And breeding is better."

Program changes

"The feeding program always changes around with the different advancements, the different findings," said Don. "You're always striving to get your best production. And with different findings from research, that you can work into your situation. Whatever comes along that we can incorporate in a cost-effective way, we'll try to do."

Don said the farm would be able to enjoy the benefits of a TMR, which at this point they don't have because they aren't equipped for it.

And the Ayrshire breed is difficult, when compared to the higher quantity of milk produced by the Holstein. "If you look at the statistics," he said, "Ayrshires are low man on the totem pole. They're not a lot of Ayshires around. With Ayrshires, we have to search high and low for semen that we can use. It's not nearly as readily available as Holstein (semen)."

Don said that they are working on trying to obtain better milk and to improve the genetics of the herd, not so much to expand the herd.

"We're milking 60, and we want to make those 60 better genetically and feeding-wise," said Don. "We want to feed them as best we can and keep making genetic advances with them, so hopefully they'll be better producers than the cows here before them. We would just like to make the animals we have better."

Charles Gable helps round up the cows at feeding time. "When I came on after high school," said Charles, "and the changes I made, there was a tremendous increase (in milk). The same thing happened again. The biggest change has been the nutritionist. And breeding is better."

Shearer In Moorman Training Seminar

QUINCY, Ill. — Alonza W. Shearer of Chambersburg, Pa., participated in a comprehensive, six-day training seminar here at the headquarters of Moorman Manufacturing Company.

Alonza is a sales representative for Moorman's, which serves American livestock producers.

Alonza was selected for the seminar because of his sales and service excellence.

In the week-long program, Alonza was trained in livestock management and health, product knowledge and application and service and support.

Shearer was one of more than 65 participants from across the United States selected to attend.

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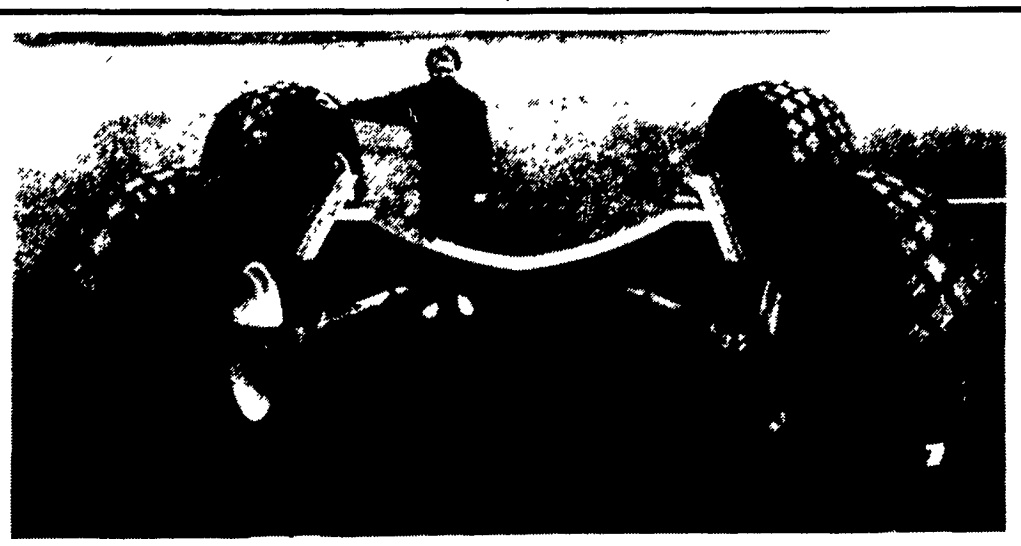

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Cargill Increases Rural Scholarships

MINNEAPOLIS, Minn. — The Cargill Foundation again will sponsor $1,000 scholarships for high school seniors from U.S. farm families, increasing the number from 200 to 250.

"The program has been so favorably accepted throughout the rural community that we decided to expand it this year. It's a good place to put Cargill Foundation money," said Barney Saunders, president of the Cargill Foundation.

The Cargill Scholarship Program for Rural America is open to all high school seniors who graduate next spring and come from families that derive at least half of their income from farming. Candidates must enroll full time next fall at an accredited two- or four-year college, university, or vocational-technical school.

The program was established in 1986 to recognize and encourage the academic achievements, accomplishments, and talents of rural youth. Thus far, the Cargill Foundation has made 1,000 awards for a total of $1 million.

Selection for the scholarships is handled by the national Future Farmers of America organization, although applicants need not be FFA members.

"The FFA has a long history of administering scholarship programs for many agriculturally based companies. In addition, because it is a national organization that is part of the educational program in many rural high schools, it is ideally suited to administer and promote the program," said Gladys Tripp of Cargill community relations. The national FFA Foundation will manage the selection process, which is based on academic records, leadership, extracurricular accomplishments, and financial need.

Information and application forms can be obtained at any Cargill office or high school FFA department. Students also can request forms from the Cargill Scholarship Coordinator, National FFA, Box 5117, Madison, WI 53705-0117. Application deadline is March 2, 1992.

Md. Pork Producers To Hold Sale

EDGEWATER, Md. — The Maryland Pork Producers Association (MPPA) will be holding their third annual tested boar sale at the St. Mary's County Fairgrounds on Saturday, December 14, at 1 p.m.

Boars may be inspected on the day of the sale from 10 a.m. until the time of the sale. The local 4-H club will be serving lunch from 12 noon until 1 p.m.

Fifteen boars, who have undergone strict testing conditions at the MPPA test station, will be sold at the sale.

"Of the 27 boars that went on test at the end of the summer, these 15 show the best performance for lean meat production," said Steve Ernst, test station committee chairman.

Buyers will have four different breeds to select from, including York, Hampshire, Duroc, and Poland China.

Frank Feeser from Taneytown, Md. had the highest indexing board on test. With an index of 155, this York boar boasts a .56 inch backfat with a 5.28 square inch loin eye measurement and a feed efficiency of 2.62 pounds of feed per pound of gain. This pig will be the first to be sold. Following the sale of the boars several purebred gilts will be sold.

Meat packers are responding to the consumers demand for lean pork, and this is translating into better profits for leaner animals.

"One of the most efficient ways to improve a pigs carcass composition, and hence the producers profit, is to use genetic selection, and breed from proven stock", said Dr. Tom Hartsock, swine specialist at the University of Maryland.

Anyone requiring more information on the boars should contact Lynne Hoot, MPPA, (410) 956-5771.

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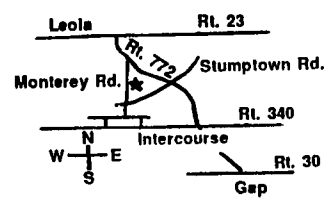

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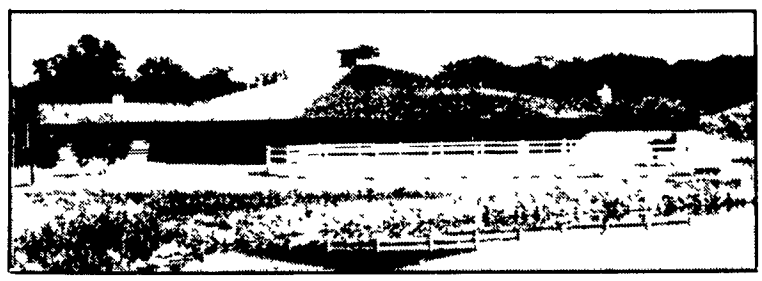
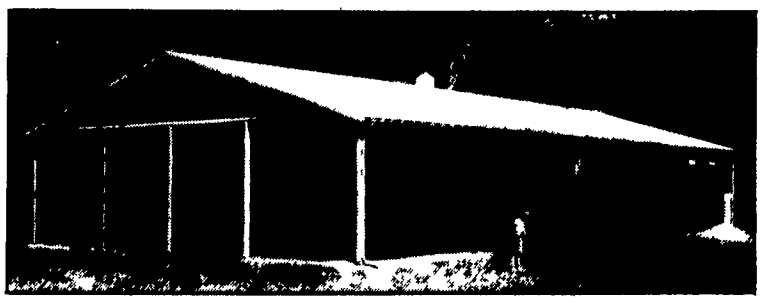
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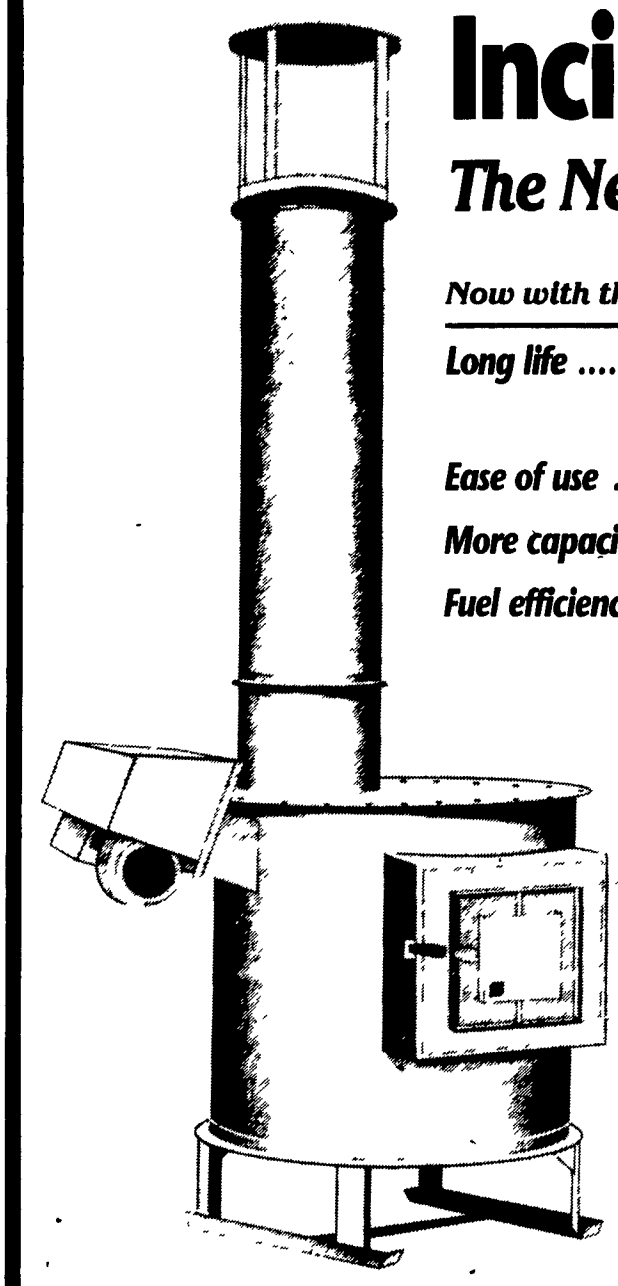
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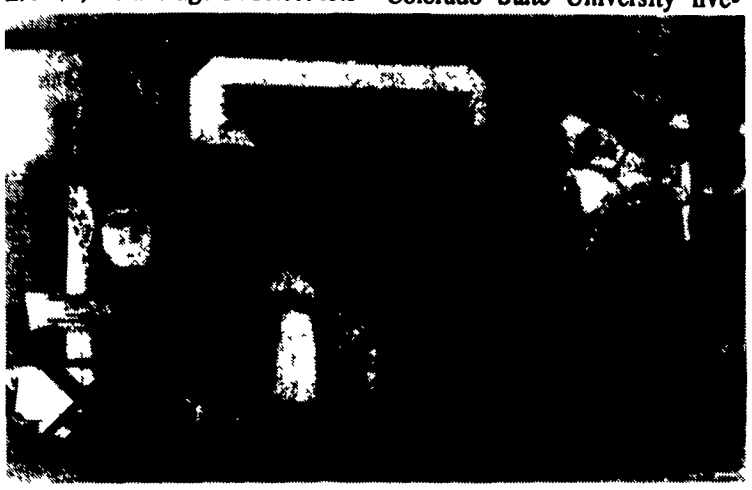
Enthusiasm Abounds At Polled Hereford National

KANSAS CITY, Mo. — The enthusiasm and excitement generated at the 69th National Polled Hereford Convention Show and Sale was contagious for all beef industry members who attended the 1991 North American International Livestock Exposition (NAILE).

Polled Hereford breeders united in full force to hold an energizing national convention and one of the largest shows at this year's NAILE. A $9,176 average on select lots consigned to the national sale climaxed the week that was a positive experience for all who attended this year's premier breed event recently in Louisville, Ky.

A strong showing of 312-head comprised the National Polled Hereford Show. It was officiated by a three-man team, including Canadian Polled Hereford breeder Bill Biglieni, Douglas, Man.; Limousin breeder Gene Raymond, Garnett, Kan.; and Clint Rusk, Colorado State University livestock judging team coach from Ft. Collins, Colo.



TRF ACE Equity 82Z captured the intermediate and grand champion bull honors at the 69th National Polled Hereford Show. Equity, a May 1990 son of BB MSU 15S Wisdom, was bred by ACE Land & Cattle Co., Skiatook, Okla. He is owned by ACE; Maple Rock Farm, Pittsford, Vt.; Thud Ridge Farms, Wrightstown, N.J.; and KDW Cattle Co., Gardiner, Maine. The 69th National Polled Hereford Show showcased 312 heifers, cow-calf pairs and bulls at the North American International Livestock Exposition recently.

Topping the 108-head bull show was TRF ACE Equity 82Z, a May 1990 son of BB MSU 15S Wisdom. This intermediate and grand champion bull was bred by ACE Land & Cattle Co., Skiatook, Okla., and is owned by ACE; Maple Rock Farm, Pittsford, Vt.; Thud Ridge Farms, Wrightstown, N.J.; and KDW Cattle Co., Gardiner, Maine.

Winding up the premier female honors in the 192-head heifer and 12-head cow-calf show was the champion cow-calf, JR LB 621 Cassandra Y152 and her May '91 heifer calf. John E. Rice & Sons, Inc., Sheridan, Wyo., bred the pair which they co-own with Lloyd L. Brown, Powell, Wyo. Cassandra is a 2-year-old WS approval 621 daughter; her calf was sired by JR 257T Rancher Y131.

Reserve grand champion honors in the bull show were claimed by senior champion 4WF Eclipse 31Y. The coming three-year-old, sired by 5E SF 4WF 38 Special, was bred by Four Winds Farm, Berlin Conn., and is owned by Four Winds and Overlook Farm, Peterborough, N.H.

Junior member Joshua Brenizer, Cadott, Wis., owned the champion intermediate and reserve grand champion female, Sterling Ms America ET16. His May 1990 PHR Chief Executive 2X daughter was bred by Sterling Polled Herefords, Cushing, Wis.

Spring Bottom Farm, Fairfield, Pa., won Class 25 in the 69th National bull show with SBF Royal Chance 9008. The 69th National Polled Hereford Show showcased 312 heifers, cow-calf pairs and bulls at the North American International Livestock Exposition recently in Louisville, Ky.

Winning the get-of-sire competition on their four progeny of Dunwalke Doctor K was Dunwalke Farm, Far Hills, N.J. Boyd Polled Herefords, Mays Lick, Ky., earned the calf get-of-sire banner for their group of Beau Donald Rival calves.

The best-six-head award was presented to Tammy Riffel, a junior member from Enterprise, Kan. Riffel was also the National's premier exhibitor. Premier breeder honors were awarded to ACE Land & Cattle Co., while the show's new exhibitor award went to Joshua Brenizer.

Other divisional winners at the 69th National Polled Hereford Show were:

Junior Heifer Calf Champion: Coyote Ridge Ranch, Longmont, Colo., on CRR R203 Elle 103, by JR CRR N61 Nick R203.

Reserve Junior Heifer Calf Champion: Rice & Sons on JR Y168 Contessa A57, by JR LB 621 Chivas Y 168.

Senior Heifer Calf Champion: Glenkirk Farms, Maysville, Mo.; Mohican Polled Here-

(Turn to Page D10)

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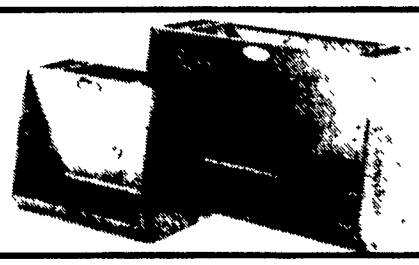

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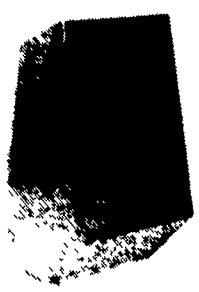

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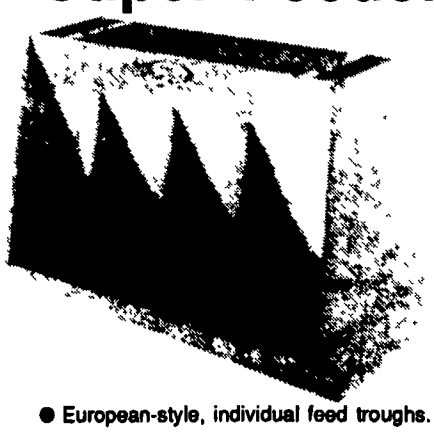

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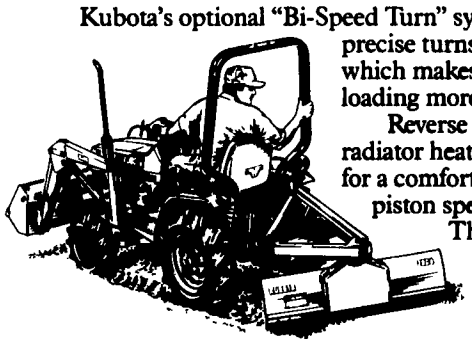

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Polled Hereford National

(Continued from Page D9)

ford Farms, Glenmont, Ohio; and Hurling Hereford Ranch, Greenwood, Calif., on Mohican GK Sugar M79Z, by Beau Donald Rival.

Reserve Senior Heifer Calf Champion: Riffel on PVF Mis Ghostbuster 061, by Ghost Ryder

Reserve Intermediate Champion Heifer: James Smith, Green Forest, Ark.; John Underhill, Dickson, Tenn.; and New Frontier Farms, Lebanon, MO., on NFG Jezabel, by NFG Talk of the Town.

Junior Champion Heifer: Shawn Patterson, Bentonville, Ark., on CRR 62U Kelly 030, by Trustmark.

Reserve Champion Junior Heifer: Cody Lowderman, Macomb, Ill., on ACE Sweeties Gal 154Z, by BB MSU 15S Wisdom.

Senior Champion Heifer: ACE and Star lake Properties Inc., Georges Mills, N.H., on ACE Vinita 667Y, PHR Chief Executive 2X.

Reserve Senior Champion Heifer: Mohican Polled Hereford Farms on Mohican Delight M94Y, by PHR Chief Executive 2X.

Reserve Champion Cow-Calf: Rice & Sons and Brown on JR LB 621 Cashmere Y160, by WS Approval 621; and heifer calf, by JR 257T Rancher Y131.

Junior Bull Calf Champion: Glenkirk Farms and HGA Farms, Elkins, Ark., on GK HGA Showcase A5, by RB Stamana 719U.

Reserve Junior Bull Calf Champion: TL Polled Herefords, Osage City, Kan., on TL Special Guy 804, by 5E SF 4WF 38 Special.

Senior Bull Calf Champion: Skaggs Farms, Hernando, Miss.; Holly Creek Farm, Newnan, Ga.; and Four Winds on SF HCF 4WF Warrior Z70, by Tex Prime Time.

Reserve Senior Bull Calf Champion: William McMurtrie, Harvest, Ala., and Walker Polled Hereford Farm, Morrison, Tenn., on WPHF MCM Rant-N-Rave, by GK LLB Rave.

Reserve Intermediate Champion Bull: Michigan State University, East Lansing, Mich.; Oklahoma State University, Stillwater, Okla ; Blakley Polled Herefords, Hennessey, Okla.; The Meadows Farm, Hamilton, Ohio; Sherri Soules, Skiatook, Okla.; Hollyhock Farm, Bristow, Okla.; and Megan Holloway, Groesbeck, Texas, on ACE SS Entertainer 116Z, by BB MSU 15S Wisdom.

Junior Champion Bull: Ballard Stock Farm, Nashport, Ohio; Skaggs Farms, Hernando, Miss.; Pine Row Farm, Dickson, Tenn ; and Hawk Double H Farm, Gambier, Ohio, on BSF HDH Buckshot, by 5E SF 4WF 38 Special.

Reserve Junior Champion Bull: Michael McKown, Atlanta, Ill., on RSM Bo Jangles 003, by Dunwalke Doctor K.

Reserve Senior Champion Bull: Vollstedt Farms, Albany, Ore., on VF Knight in Armor 916Y, by TOP MSU Knight Ryder.

69th National Polled Hereford Show Class Winners include:

HEIFERS

Class 1: Rice & Sons and Big T Ranch, Jeromesville, Ohio, on JR BigT Y168 Chasity A98, by JR LB 621 Chivas Y168.

Class 2B: ACE, Hurling and Katie Sims, Elgin, Okla., on Scarlett, by DR P183 Rebel 926Y

Class 3A: Hawk Double H Farm on HDH Miss Modesty, by Ruger-38'-B-23.

Class 3B: Open Gate Cattle Co., Eagle Point, Ore., on OGCC Trust Milly 3A, by Trustmark.

Class 5: ACE and Las Tranqueras, Argentina, on ACE MPH MRF Tallys Nova, by PHR Chief Executive 2X.

Class 6: Ballard Stock Farm on BSF Trusty Diana 40Z, by Trustmark.

Class 7A: TL Polled Herefords, Skaggs Farms and Holly Creek on SF HCF Guene 701, by GK LLB Rave.

Class 9A: ACE; Durham Hereford Ranch, Stillwater, Okla.; and Mark Sims, Elgin, Okla., on Gwyneth, by PHR Chief Executive 2X.

Class 9B: NS Polled Herefords, Portland, Ind , on NS Starlet Knight Z62, by TOP MSU Knight Ryder.

Class 10: Rice & Sons, Brown and Beckett Farm, Birnamwood, Wis., on JR LB Pure Silk Z6, by SF GK Fast Trak W81.

COW-CALVES

Class 12B: Class 12B: Steve Soules, Skiatook, Okla., on Will-Via Nascar Queen, by RH Formula One; and February heifer calf, by DR P183 Rebel 926Y.

Class 13: Rice & Sons; Joseph Starr, Manawa, Wis.; and Trevor Hull, Balcarres, Sask , on Tee Jay P183 Nicole 526W, by JR Nick the Butler P183; and March heifer calf, by SBR Marathon Man 257T.

BULLS

Class 21: Little Creek Polled Herefords, Burford, Ont., on BHFC Formula ET 2000A, by Trustmark.

Class 22: ACE; J.R. Davis Farms, Lamar, Ark.; Maple Rock Farm; and Hollyhock Farm on ACE JRD MRF St. Patrick, by Columbus 432U.

Class 25: Spring Bottom Farm, Fairfield, Pa., on SBF Royal Chance 9008, by OHF Trifecta 410X.

Class 26: Dunwalke Farm on Dunwalke Precision 063Z, by NV Precedence 100U.

Class 28: Candy Meadow Farms Inc., Lexington, Tenn., on CMF Director 39Z, by GK Turning Point X53.

Class 30: Rogue River Ranch, Central Point, Ore., on SF HCF Blockbuster 31Y, by TOP MSU Knight Ryder.

Class 31: Murphy Polled Herefords, Farmington, Calif., on CRMR Retaliator 109Y, by Ihry GK Race.

Class 33: Rice & Sons; Split Butte Ranch, Rupert, Idaho; Verlou Farms Ltd., Stonewall, Man , and Profound Polled Herefords, Victoria, Australia, on VLBT Juice ET 12Y, by G&R AJS Raceway 1900.

A standing-room-only crowd witnessed more than one-quarter of a million dollars exchanged in two hours when buyers from across the U.S. and Argentina actively bid on select lots offered in the 69th National Polled Herford Sale.

Dale Stith, Eddie Sims and Jim Birdwell auctioneered this event that saw 8 5/6 bulls average $12,165 and 15 females average $7,417, for an overall average of $9,176. Three flushes averaged $8,933.

Valued with the highest price of the sale was the 69th National grand champion bull, TRF ACE Equity 82Z. Split Butte Ranch, Rupert, Idaho, purchased one-quarter interest in the BB MSU 15S Wisdom son for $16,000.

Posting the second highest price of the bulls was 4S Beau Quest consigned by ACE Land & Cattle; 4 Bar S Ranch, Marshall, Texas; Mohican Polled Hereford Farms; MCS Polled Herefords, Elgin, Okla.; and Frans Polled Herefords, Thomas, Okla. One-quarter interest in the November yearling sired by Beau Donald Rival, earned $13,500 and was claimed by Alan Samonis, Brentwood Calif.

Topping the female sale was the junior champion heifer, CRR 62U Kelly 030, consigned by Coyote Ridge Ranch, Longmont, Colo. Their Trustmark daughter was also Idaho bound when Split Butte gave $20,000 for her.

Cashing in the second top female price at $19,400 was a cow-calf pair consigned by Triple L Ranch, Franklin, Tenn. LLL Delivery Girl 57Y, a 2-year-old daughter of Kilmorlie Deliverance 80U, brought $11,000 from Triple J Ranch, Richmond, Va., while her March heifer calf, by JCD NV Ascendant Y26, went to Spirit Farms, Fond du Lac, Wis., for $8,400.

The high-selling flush of the sale was offered by Bar B Cattle Co., Rockford, Mich., on Louada 15G Ruby 15S. Don Benjamin Romero of Argentina purchased this opportunity for $16,000.

Operating Committee Reviews Beef Checkoff

DENVER, Colo. — The Beef Promotion Operating Committee met in Phoenix, Ariz. recently to review evaluations of fiscal year 1990-1991 beef checkoff programs.

The Operating Committee's review was part of the Beef Promotion and Research Board's annual cycle of planning, implementation, and evaluation.

The annual evaluation process is designed to ensure that checkoff program progress and effectiveness are measured and that programs are consistent with annual, long-range, and overall checkoff objectives.

The operating committee reviewed and adopted a report which evaluated the effectiveness of checkoff programs in promotion, consumer information, industry information, research, foreign marketing, and producer communications.

"The evaluation step is a critical element in assuring that the beef checkoff continues to move forward in meeting its objectives of expanding demand for beef and improving long-term profitability for beef producers," said Glen Klippenstein, chairman of the beef board and the operating committee.

"We look very critically at whether checkoff-funded programs are effective," Klippenstein said. "If a project isn't providing a good return on investment, we find one that will. And if we find a program has been effective, we ask ourselves how we can make it even more effective. In addition, we look at the evaluation process itself to determine if the measures used for evaluation are appropriate."

The operating committee also adopted a budget amendment recommendation on $2.1 million in checkoff funds that became available for allocation at the close of the fiscal year because of revenues in excess of projections and project costs that were less than the amounts originally budgeted.

The operating committee recommended allocation of the additional funds as follows: $1.73 million to promotion, $200,000 to foreign marketing, and $170,000 to program development. This budget amendment recommendation will be presented to the Beef Board for approval at its December 14-16 meeting in San Antonio.

In an additional action, the operating committee reviewed and gave its support to a Phase I transition plan for improving the effectiveness of the National Beef Cook-Off as a beef marketing event. The recommendations regarding the Cook-Off were developed through a study by Booz-Allen & Hamilton and are designed to make the cook-off more a marketing tool for beef and less a beef industry convention.

National Chianina Bull Champion Named

LOUISVILLE, Ky. — Grand champion bull honors were awarded in the National Chianina Show at the 1991 North American International Livestock Exposition.

The finalists came from three divisions of Chianina bulls. The first division is comprised of fullblood Chianina and white purebred Chianina that are marked like fullblood.

Division two is made up of registered Chiangus and CAX cattle with at least 25 percent Chianina blood. Division three is all Chianina with at least 25 percent Chianina blood that do not qualify for divisions one or two.

Grand champion chianina bull went to SMF Lassiter owned by Walt Dickson of Knoxville, Tenn. The division one bull exhibited necessary characteristics required from judge Scott Schaake.

"What I really liked about him was his length and soundness," said Schaake. "Chianina producers are trying to select for functional cattle, a complete animal that's not extreme in any one distinction. And I think we saw that in today's show."

Reserve grand champion honors went to KCJ Hank Jr. owned by Comer Cattle Co., William Pletch Family and Mendenhall Farms, Inc.

The two bulls took home their share of the $10,000 in premiums offered to 300 entries in the National Chianina Show.

Today also marked the debut of the National Chiangus Show. Grand champion honors in the inaugural . competition were awarded to Black Champ Talmo. The bull is owned by Black Champ farms from Clarksville, Ga. Reserve champion honors went to Woodhaven Total PKG., owned by John and Debbie Woodroof of Lebanon, Tenn.

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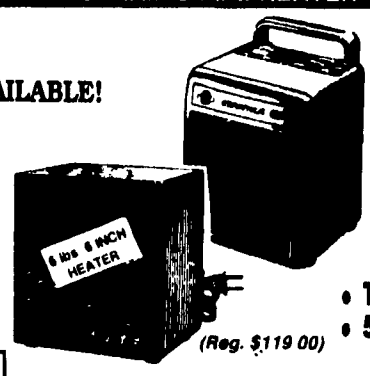

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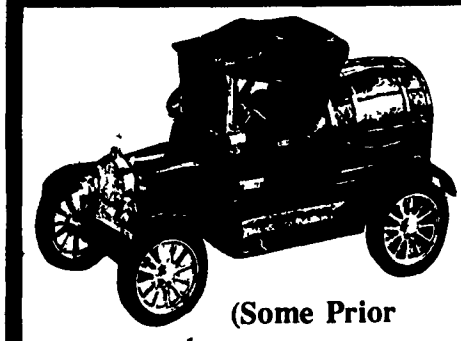

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LOUISVILLE, Ky. — Entries in the Simmental Show are increasing every year at the National American International Livestock Exposition.

The show is open to purebred Simmental, which are registered with the American Simmental Association or the Canadian Simmental Association.

Simmentals are divided into 20 female classes and 16 bull classes and judged from oldest to youngest.

Judges look for completeness, femininity, depth of capacity, and structural completeness, according to Mike Martin, Simmental Show superintendent.

"Simmentals are from Switzerland originally. They are a versatile breed known for their maternal abilities and rapid growth rates. Simmentals are raised all over the United States because they adapt to all kinds of climate conditions," said Brian Kitchen, executive vice president of the American Simmental Association.

American Simmentals are a blend of five strains of European breeds — Swiss Simmental, the Fleckvieh, the Pie Rouge, the Abondance and Montbeliarde.

"We raise Simmental because there is a good market for them and they offer variety. No two are alike in color. They also have a strong innovative program for youths," said Nikki Overpeck, a competitor from Clinton, Ind.

American Simmentals are popular cross breeders. They will breed with any other breed, according to Martin.

The American Simmental are used for rotational or terminal cross breeding. Simmental can improve calving ease, early puberty, and milking ability in rotational crossbreeding. The breed can improve weaning weights of calves and carcass cutability in terminal cross breeding, according to kitchen.

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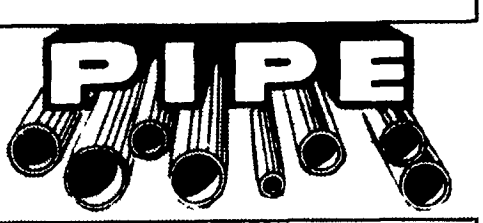

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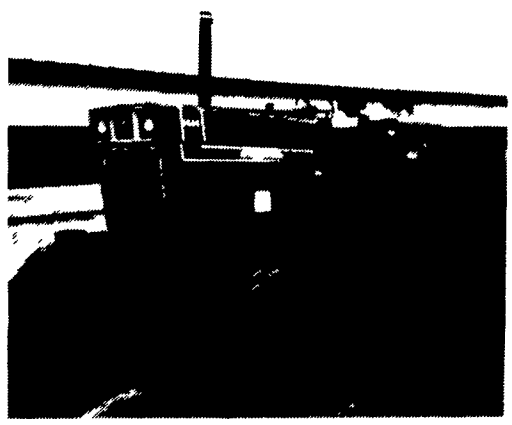

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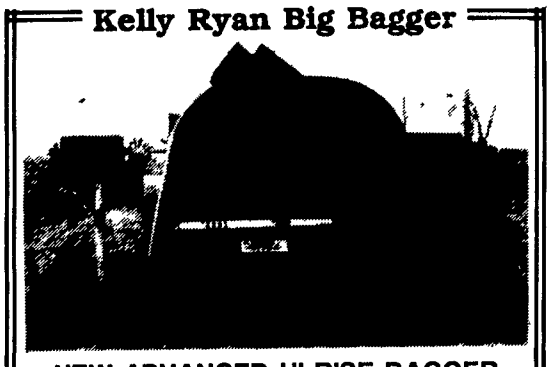

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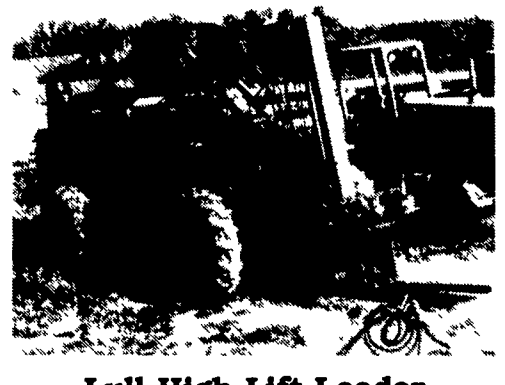

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All Wheel Steering
$4,000
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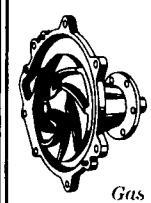
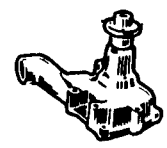
Spring Garden Repair



Isaac S. Stoltzfus
145 Spring Garden Road
Kinzers, PA 17535



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Tractor Pistons & Sleeve Kits
Rebuilt Tractor Heads
New & Rebuilt Water Pumps

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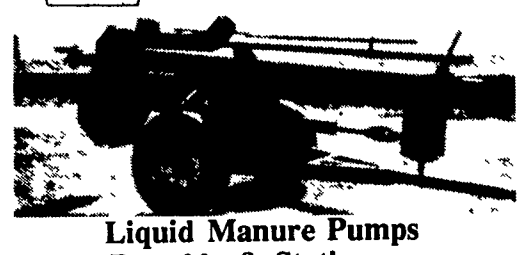

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Ford 8N $1,650
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& P/Up, Cab, AC, Exc.	NH 519 Spreader
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JD 54 Spreader
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Zimmerman 10,000 Lb. Trailer
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'78 JD 450C Loader w/Backhoe, Excel. Cond. $15,900
'78 Cat 941B Crawler Loader w/4N1 Bucket $12,000
'87 Case 855D Loader, 1000 Hrs. $25,000
'85 Case 1455B Loader w/Ripper $25,000
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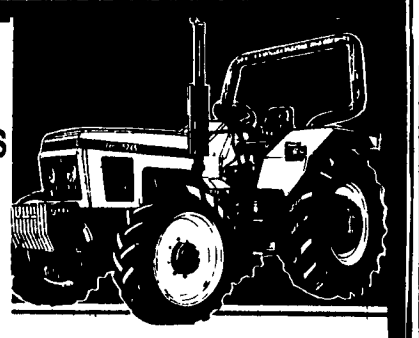

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Bobcat 743

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MS 315 Spreader
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RR 262 Rotary Rake
F 7190 Feeder Wagon
F 7285 Mixer Feeder Wagon
SL 3510 Gas Skid Loader
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KUHN-
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USED EQUIPMENT

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Grimm Hay Tedder, Ground Drive
Bobcat 643 Diesel Skid Loader
Gehl 4300 Gas Skid Loader
Gehl 95 Grinder Mixer
Gehl FB99 Blower
Gehl 1200 For. Harvester, 2-Row Hd. & Hay Pickup
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$21,500

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NI 325 picker, 12 roll bed, field ready, $3,550 Call early mornings or evenings till 7 p m 717-949-3074 or 703-879-9926

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New 5610, 62 HP
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Used 6610
Used 640
(2) Used 8N

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New 308 Manure Spreader
New 520 Manure Spreader
New 40 Forage Blower
New 716 Forage Box
New 853 Round Baler
Used Super 69 Baler
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 315 Baler w/ Thrower
Used 477 Haybine

OTHER TRACTORS
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New Bolens H174 Dsl.
Used Case 611 B Tractor

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New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Glencoe Soil Saver 5 Shank
Used 12' Lift Type Spring Tooth Harrow
Used Kuhn Pull Type Tedder
Used Woods RM 59 Finish Mower
Used NI 212 Manure Spreader
Used Brillion 14' Transport Harrow

We Ship Parts UPS Same Day

Sweigard Bros. Inc.
3882 Peters Mtn. Rd.
Halifax, PA 17032
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Since 1937

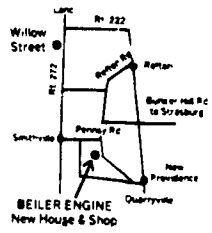
BEILER ENGINE SERVICE

LOMBARDINI

SPECIAL OFFER

Also Special Prices On Other Models. Check Our Prices.

9LD 625-2 30 SAE HP at 3000 RPM.... $1,995
11LD 625-3 40 SAE HP at 3000 RPM.. $2,975



- Low fuel consumption ⅓ less than gas engines
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- New Improved Model
- Ideal To Replace THD THD, TJ or VH4D Baler Engines
- 12 Month Warranty or 2000 Hrs.

Beiler Engine Service
280 Pennsy Rd.
New Providence, PA 17560

Ford FORD NEW HOLLAND

CHARLES S. SNYDER, INC.
ROUTE 3 ON ROUTE 443
TAMAQUA, PA. 18252
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SHIP PARTS UPS DAILY!

COMBINES
NH TR70 Hydro 6 Row- 15' Head
Ford 642 Hydro 4 Row Narrow 13'

USED TRACTORS
Ford 5610 2/W, 418 Hrs.
Ford 5610 2/W, 600 hrs.
Ford 1710 4/W, SST, 245 Hrs.
Ford 7610 2/W D.P. 1850
7710 Cab 4/w, 250 Hrs.
2- Ford 8N
1210 4WD Loader & Backhoe, ARPS
Ford 7000, 4420 Hrs.
Ford 4000 Gas SU, 3689 Hrs.
Oliver 1755 w/Cab, 3062 Hrs.
Ford 900 2 Row Picker
Ford 9700 2/W Cab, 4659 Hrs.
Ford 800 Gas 5-Speed
Ford 3000 w/Loader 8 Speed
Farmall 340 w/Snow Plow
Case 235 4/WD w/Loader
Kubota B6100 2/WD w/Mower
Oliver 77 w/2 Row NI Picker #319

USED INDUSTRIAL TRACTORS
Ford 455 2/W Cab And Hoe, 230 Hrs.
Ford 555 1979 2W ROPS, New Hoe, 1574 Hrs.
Ford 555 1980 2/W ROPS, 4 Lever, 1638 Hrs.
NH 781 Skid Loader, Deutz Motor, Boom Hydro, 2583 Hrs.
NH 775 Skid Loader, Wisc. Engine, 850 Hrs.
NH L425 Skid Loader Exc.
785 Skid Loader, 1900 Hrs.

HAY & FORAGE
Pequea Hay Tedder
NH 56 Rubber Tooth Rake
Ford 532 Baler
NH 1495 Haybine, Diesel, Hydro.
NH 489 Haybine, New Rolls
320 Baler w/Thrower
273 Baler
NH 426 Baler w/Thrower
283 Baler w/Thrower
NH 311 Baler w/Thrower Exc.
MH #72 Combine w/Grain Head

TILLAGE
Ford 140, 5 Bottom, 16" Cushion Trip
Ford 101, 3 Bottom, 14" Plow
Ford 145, 3 Bottom, 18" Rollover Plow
Ford 145, 2 Bottom, 16" Rollover Plow
Brillion 14' Packer
Ferguson 2 Bottom 14" Plow

MISCELLANEOUS
8000 Or 9000 Safe Guard Cab
6600 Or 7600 Royal Cab
Ford 768 Loader
Ford 727 Loader
NH 680 Spreader (New Chain)
514 NH Spreader
New Idea 3632 Spreader
NH 520

KELLER'S FARM MACHINERY
116 Richlandtown Pike
Quakertown, PA 18951
215/536-4046

USED TRACTORS
Ford 445A Indust. w/Loader, 4WD, 3 Pt. And 4 Post ROPS
Ford 2910 Series II, Hyd. Outlet, 650 Hrs.
Ford 1510, SS Trans., Turf Tires, 200 Hrs.
Ford 901 Dsl., SOS, Reconditioned & Painted
Ford 601 Gas, PS, w/Loader, Reconditioned & Painted
Ford 8N w/Snow Plow
JD 2020 Dsl , PS, Hyd. Outlet
JD 850, 500 Hrs., 2WD, Ag Tires
IH 300 Utility Gas w/Fast Hitch
AC G w/Cultivator

USED EQUIPMENT
NH 357 Grinder Mixer w/Long Auger
NH 352 Grinder Mixer w/Corn Sheller
Shaver 3 Pt. Post Driver
Kelly 3PT Backhoe, #30 (New)

JOHN DEERE

Clugston Ag & Turf, Inc.
Chambersburg, Pa.

DEMO SPECIAL
2955 MFWD w/265 Loader
Call Today!

JOHN DEERE

New Tractors
2555
4055 PS & SG
4455 MFWD, PS, SG

Compact Utility Tractors (New)
670
870
670 MFWD
755 MFWD
955 MFWD

Spreaders
JD 370
JD 450
JD 550
JD 780
JD 874
JD 876

Tillage
JD 635 Disc
JD 960 Field Cultivator
JD 714 Mulch Tiller

Loaders & Blades
JD 245
JD 175
JD 146
JD 95 Blade
JD 65 Blade

Planters
JD 7200 4RN
JD 7200 6RN

Drills
450 10'
750 No-Till

Balers
JD 328
JD 348
JD 335
JD 375
JD 435
JD 530

Mower Conditioners
JD 1360
JD 1219
JD 1600, 12' & 14'

Forage
JD 3950 Harvester
JD 3970 Harvester
JD 3 Meter Hay Pickup

Rotary Cutters
JD 1008
JD 616
JD 717
JD 503

BOBCAT NEW
642 B
753
743 B

Misc. New
Easy Trail Wagons Model 1074, 1274
Miller 4100 Forage Boxes
Farm Aid Mixer Wagons
Dion Forage Boxes
Dion Hay Inverter
Dion Forage Blower
Horst Wagon Gears
Kverneland Plows
Kverneland Silawrap

USED
JD 5720 SP
JD 4240 SG
JD 2940
JD 2630
Deutz DX120, 4WD, Cab
JD 3960 w/3RN
JD 7000 6RN, Corn Planter
White 5100 Planter, 6RN
JD 1209 Mo-Co
NH 489 Haybine
NH 499 Haybine
Vicon KM321
JD 24T w/#2 Ejector
Bobcat 753
Bobcat 743
Bobcat 643
Case 1835C
Case 1816B
(2) Martin 1678 Spreaders

KVERNELAND MILLER STIHL DION bobcat

3213 Black Gap Rd.
Chambersburg, PA
17201

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717-532-6951

Best Buys in Used Equipment

• NH 1069 S.P. Automatic Bale Wagon Perkins Diesel, 420 Hours, Like New

TRACTORS
- JD 4455 Tractor w/Cab, 4WD, 1340 Hrs., Like New
- JD 1520 Tractor
- IH 986 Tractor w/Cab
- IH 5088 Tractor w/Cab
- AC 185 Tractor
- MF 275 Tractor
- Case 2390 Tractor w/Cab, Low Hrs.
- IH 1086 Tractor, Cab & Air, Good Cond.
- Case IH 235 Tractor, 4x4
- IH 560 Tractor
- IH 175 Crawler, 4 & 1 Bucket
- IH 1486 Tractor
- Versatile 160
- IH 674 Tractor

HAY & FORAGE
- IH 425 Baler w/Thrower
- NH 425 Baler, Wire Tie
- NH 310 Baler w/Thrower
- NH 849 Round Baler
- NH 848 Round Baler
- NH 851 Round Baler
- NH 855 Round Baler
- NH 258 Rake, Hyd. Drive
- NH 1495 Haybine
- NH 489 Haybine
- NH 489 Haybine - For Parts
- NH 479 Haybine
- NH 411 Discbine
- NH 442 Discmower
- NH 452 Discmower
- NH 2100 S.P. Forage Harvester Metal Detector, Cab, 4WD, Good Cond.
- Badger Forage Box, 3 Beater, Tandem Axle
- Dion Forage Box, 12 Ton Gear
- NH 892 Harvester, 824 2 Row Head Or 3 Row Head
- JD 3600 Harvester, 2 Row, Pick-Up
- NH 8 Forage Box, 3 Beaters, Roof, Tandem Axle

SKID LOADERS
- NH LS620 Loader/Backhoe
- Case 1816 Skid Loader
- Case 1830 Loader
- NH B134, Backhoe Fits 700 Series Skid Loaders
- Mighty Mac 9C Diesel Skid Loader

PLANTING & TILLAGE
- IH 480 Disk w/Wings
- IH 370 Disc
- AC 3100 Disk
- MF Rollover 3 Bottom Plow
- Bush Hog Wing Disk, 22 Ft.
- Ford (White) 5 Bottom Auto Reset Plow, 18", On-Land Hitch
- Bush Hog 10 Shank Chisel Plow
- Gehl Flail Chopper
- Pittsburgh 12 Ft. Disc Harrow
- Brillion 13 Ft. Packer

SPREADERS
- NH 791 Spreader
- Lely Vacuum Tank Spreader w/ Injectors, Hauled Less Than 10 Loads
- NI Side Delivery Slurry Spreader
- NH 790 Spreader w/Top Beater, Pan, Exc. Cond.
- Starline Flail Tank Spreader

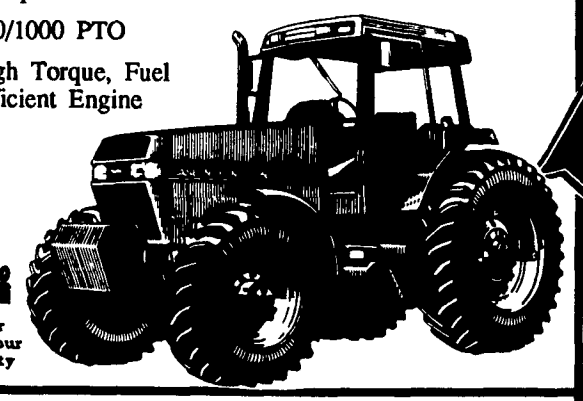
MISC.
- IH 1250 Grinder/Mixer
- JD 400 Grinder/Mixer
- JD Drill
- Kidd 3 Pt. Hitch Paper & Bale Shredder
- Gehl 1540 Blower
- Woods C80 Mower

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283, Elizabethtown, PA
717-367-1319, 717-653-8867

case ih

CASE IH MAGNUM TRACTOR
7120, 4WD, 150 Horsepower

- 18 Speed Powershift
- 540/1000 PTO
- High Torque, Fuel Efficient Engine

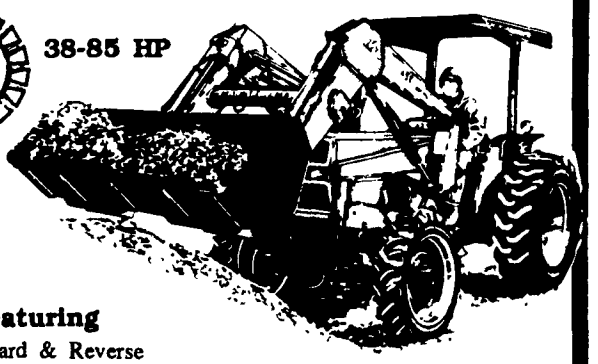


5 Year 5000 Hour Warranty

CASE IH 95 SERIES TRACTORS

Farmers #1 Choice

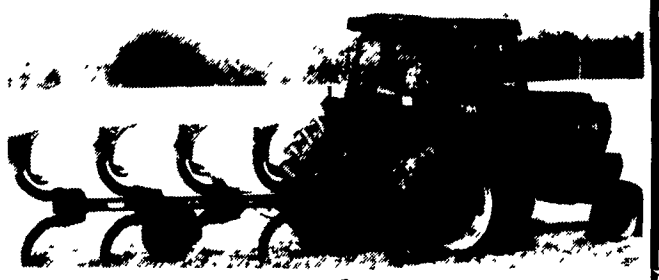
38-85 HP



Featuring
- Forward & Reverse Shuttle Shift
- Heavy Duty 2250 Loader

THE RIGHT TRACTOR FOR YOU!

CASE IH 145 ROLLOVER PLOW

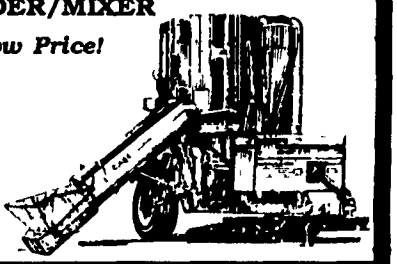


- *Hyd. Reset Plow*
- *18"* • *3 & 4 Bottom*

CASE IH 1350 GRINDER/MIXER

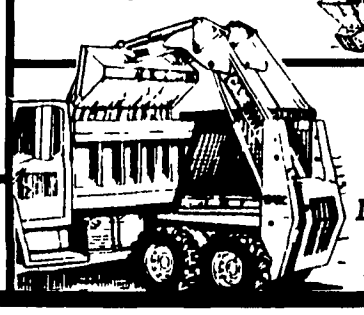
Big Capacity — Low Price!

- 150 Bushel • Sales
- Flotation Tires
- Folding Extension Auger



MESSICKS SERVICE SPECIAL

SAVE 10% ON PARTS When Work Is Done
In Our Service Center — PLUS SAVE 10% ON LABOR!



CASE IH SKID STEER

The Deals Have Never Been Better!

MODELS 1840, 1845

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-3413

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Ford Credit

TEAM UP WITH US!

Your Ford New Holland Equipment Headquarters

Ford FORD NEW HOLLAND

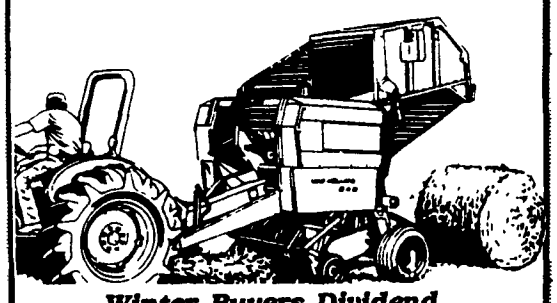
NH 1499 MOWER-COND.

0% Financing 18 Months
Winter Buyers Dividend- $5,850

Cut Low, Clean With On-The-Go Hyd. Angle Cutter Bar!

NH 848, 853, 855 ROUND BALERS

Corn Fodder Special



Winter Buyers Dividend
SAVE UP TO $2,450

Looking For A Spreader? Now Is The Time To Buy! PRICES REDUCED!!

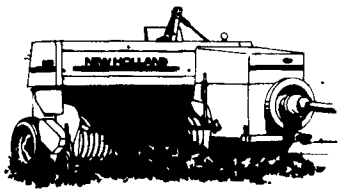
NH 795 SPREADER

Other Models Available
0% FINANCING/18 MONTHS!

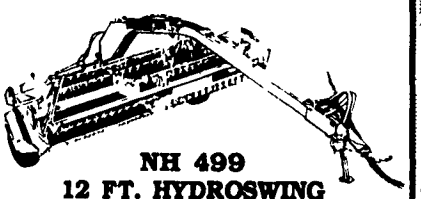
WE'RE CUTTING OUR PRICES PLUS!

WINTER BUYER'S DIVIDENDS

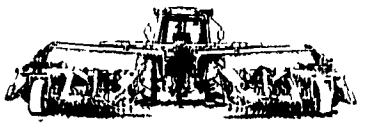
On All Hay & Forage
SAVE FROM $100 TO $16,700!!



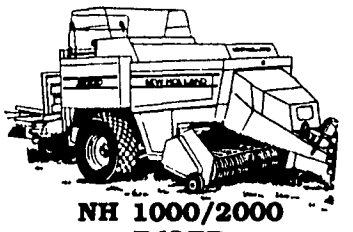
NH 570, 575 BALER



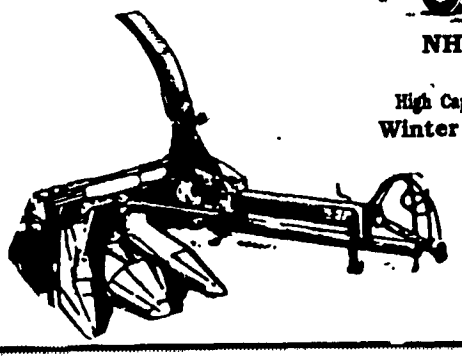
NH 499
12 FT. HYDROSWING
Winter Buyers Dividend
$2,200



NH 216 UNITIZED RAKE



NH 1000/2000 BALER
High Capacity-Big Square Bales
Winter Buyers Dividend
$4,550

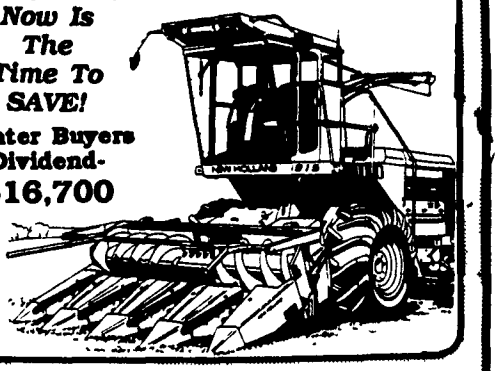


NH 900 FORAGE HARVESTER
Winter Buyers Dividend
$3,775

MESSICK FARM EQUIPMENT, INC.
Rheems Exit-Rt. 283, Elizabethtown, PA
717-367-1319, 717-653-8867
Toll Free In PA: 1-800-222-3373

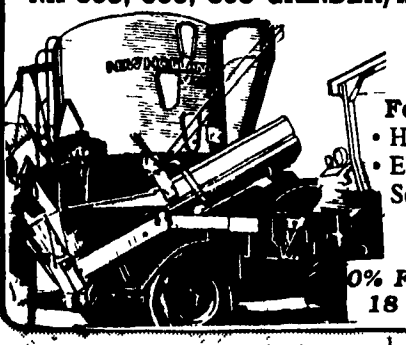
NH 1915 - 2115 FORAGE HARVESTER

Now Is The Time To SAVE!
Winter Buyers Dividend- $16,700



Grind Your Own Feed For Less Than You Think!

NH 353, 355, 358 GRINDER/MIXER



Featuring
- Hyd. Drive
- Electronic Scales

0% Financing 18 Months

NH SKID STEER LOADERS

0% Financing/12 Months

Factory Demos L785 L783

MANY DEMOS AVAILABLE!

TRACTORS

JD 2940 MFWD
JD 2350 w/245 Ldr.
Farmall 140 w/Belly Mower

COMBINES

JD 7720 Been Thru The Shop Recond., Field Ready
JD 7720, 1980
JD 8820 Heavy Duty Final Drive, Duals 4WD w/20' Grain Head, Totally Reconditioned
JD 643 Corn Head 1988, Like New
MF 1980 550 Combine w/15' Grain Platform, Cheap Bean Combine, $7,950
JD 915 G SOLD form

Waiver Of Finance On Used Combines Until Sept. 1, 1992

MISC.

JD 7000 6RN Corn Planter
Set Of Model 1350-1450 JD 7x16 Plows
NH 320T Baler, Extra Sharp
NH 320T Baler w/Kicker
(1) 7000 8 Row, 30" Rows, Liquid Fert. And Transport
JD 1408 Rotary Cutter
JD 27A Flail Cutter
Brillion 15' Flail Cutter
Woods 121 Rotary Mower
Schwartz 880 Feeder/Mixer Wagon
JD 450 Manure Spreader
JD 347 Baler
JD 336 Baler
JD 960 15' Field Cultivator w/Rolling Baskets Like New
JD 16R 7000 Planter, Liq. Fert., Insect.
IH 510 Grain Drill
IH 5100 21x7 G SOLD ll Excel. Cond.
Woods 214 Rotary Cutter

Cooper Ent., Inc.
Cecilton, Md.
301-275-2195

CLEARANCE SPECIALS

Brillion MLS1801 - 15' Pulvimulcher w/Scrapers & New Tires $6,900
Brillion 23' XFold Pulverizer w/20" Wheels, Scrapers & New Tires $6,495

NEW GEHL EQUIPMENT

Gehl CB860 forage harvester, 2R head $13,900
Gehl 3310 Skid Steer Loader .. $7,900
Gehl 4610 Skid Steer Loader $14,500
Gehl MC2170 - 9'3" Mower Conditioner $7,895
*** Quantities Limited - F.O.B. Carlisle and Loysville**

USED TRACTORS

JD 520 w/Fenders $3,695
JD 3020 diesel w/f $6,350
Case 530 w/3 Pt. $2,295

USED EQUIPMENT

Cab for 3020 or 4020 w/AC $950
IH 710 5 bottom plow $2,250
JD 48 Loader w/2 cyl. mtg. $1,350
JD 640 Rake $1,195
Badger BN1040 Blower $795
JD 1209 MOCO $2,995
NH 275 Baler w/Thrower $2,375
JD 410 Round Baler $4,295
JD 338 Baler w/40 Ejector $10,900
JD 315 13' Disc $2,750
Gehl 135 Grinder Mixer $2,900
JD Round Bale Grapple $475

Gutshalls, Inc.

Carlisle	Loysville
(717)	(717)
249-2313	789-4343

USED TRACTOR & COMBINE PARTS

Large Selection Save 50%

JOHN DEERE GIFT ITEMS TOYS, CLOCKS, THERMOMETERS LAMPS, BELT BUCKLES, WOODEN WHEELBARROW, SMALL 4 WHEEL WAGON AND LOTS OF OTHER JOHN DEERE GIFTS

USED TRACTORS

AC 5040 $3,500 As Is
IH 424, Nice $3,500
JD B w/Fenders & 3 Pt. $1,200 As Is
JD 40 Tricycle $2,400
IH 560 w/Wide Front End $1,500 as Is
JD 50 $1,000 As Is
AC G $1,000
IH F20 $500
IH W30 $500
JD 2520 Gas $3000 As Is
JD 1010 Gas w/1 R Cultivator $1500 As Is
Case 933 Crawler Loader $2000 As Is
IH 574 gas, 2200 hrs., $5,500
JD M $1,500
JD 4630 $14,000
JD 2240 $8,500

SEEDERS

Befco Greenrite II over seeder ~~$7,500~~ SALE $5,500
Befco Greenrite I Complete Seeder ~~$7,000~~ SALE $5,500
Harley 3 Pt. Landscape Power Rake $4,500

W.C. Littleton & Son Inc.
Laurel, DE 19956
1-800-842-7445

USED EQUIPMENT

SPECIAL
New JD 9500
Demo Special
Combine

TRACTORS

Ford 3000 ..... $ 5,500
JD 4450 SG, Cab $39,900
JD 2510 Dsl., PS ..... $ 6,500
IH Super M ..... $ 1,800
JD 2840 w/Ldr. ..... Coming In
JD 2630 Reconditioned

DIESEL COMPACTS

JD 1050 w/Ldr. 500 Hrs. $12,900
JD 855 w/Loader ..... $ 9,500
Ford 1720 MFWD, 56 Hrs., w/Ldr. And Backhoe $17,700
Ford 1510 ..... $ 6,600
Ford 1500 w/Mower ..... $ 5,000

COMBINES

JD 6620 Side Hill $33,000
JD 215 Flex Head ..... $ 4,900
JD 653A Row Crop Head ..... $ 7,900
JD 444 Corn Head ..... $ 4,400
JD 443 Corn Head ..... $ 4,500
JD 244 Head ..... $ 2,800
IH 715 w/Grain Head ..... $ 9,000

PLANTERS - DRILLS

JD 8300, 21x7 ..... $ 3,900
JD 7200 12 Row Flex-Fold $25,000
JD 7000 6R Liquid ..... $ 6,900
Krause 5200 No-Til Drill ..... $ 8,900
Hay Buster G-D, 107 ..... $ 6,300
510 Drill 13DD Opener ..... $ 2,900
JD FBB ..... $ 1,300

TILLAGE

JD 145 4X Plow ..... $ 1,500
JD 2500 6/18 Spring Reset Plow ..... $ 3,500
JD 1600 14' 3 Pt. Chisel Plow ..... $ 2,800
JD 260 Loader ..... $ 3,900

HAY & HARVESTING

JD 530 Round Baler $12,500
JD 1209 Mo/Co ..... $ 2,900
Grimm Super 8' Tedder ..... $ 1,295
JD 450 Hydro Push ..... Coming In
NH 718 w/Heads ..... $ 1,800

NEW EQUIPMENT

New Combines In Stock:
4435, 9400, 9500, 9600
New Heads:

913 Flex Head	920 Flex Head
915 Flex Head	443 Corn Head
918 Flex Head	643 Corn Head

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

DEERFIELD Ag & Turf Center, Inc.

Watsontown Exit Of I-180
Watsontown, PA
717-538-3557
1-800-553-3370

Used Tractors

Interest Free Financing On All Used Tractors Till March 1, 1992 (See Dealer For Details)

JD 4430 w/cab
JD 4050, QR, open station
JD 3020, NF, gas, good
JD 3010, fair
JD 2840, good
JD 750, MFWD, w/Woods mower, good
AC 185 w/cab, good
AC 185 without cab, good
Yanmar 155 w/blade
Farmall A, good
IH BN w/attachments
IH 3600 Backhoe/Loader, good

Loaders

JD 245, good
JD 265, good

Combines

Interest Free Financing On All Used Combines Till June 1, 1992 (Ask for Details)

JD 6600 LL
JD 6600 Side Hill w/platform
JD 4400, good
JD 215 flex platforms
JD 653 bean head
JD 15' quick tach rigid
NI 324 2R picker/sheller

Grain Drills

JD 8300, 24x6, like new
JD 8350, good
JD FB drill, 15x7 good
Haybuster, Model 105, 10', good

Interest Free Financing On All New Combines Till April 1, 1992

New JD 9400 combine
New JD 9500 combine
New JD 4435 combine

Brillion Badger

Cowan Equipment

Martinsburg, PA
814-793-4293 Day or Evening

NH 1895 chopper, 4x4 & 4 row corn head
NH 1880 chopper, 2WD, 3 row narrow corn head & grass head
JD 4050, roll guard & quad range
JD 2950, 4WD, 38" rubber
JD 2950 very sharp
JD 2950, 4x4
JD 2750, excellent conditon
JD 2550 w/roll guard
JD 4240, cab & air, quad range
JD 2840, hi-low, dual hydraulics
JD 4630, cab & air, power shift
JD 4430, cab & air, quad range
JD 4430, cab & air, power shift
JD 4230, 4 post, power shift
JD 4230, cab & air, power shift
JD 4320, 38" rubber, excellent condition
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 4000, power shift
JD 3020, side console
Ford TW25, cab & air, 4x4
Ford 9700, cab & air
Deutz DX140, cab & air, 4WD
AC 200
AC 185
IH 1566, cab & air
IH 1066, red cab, radial tires
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MF 1135, cab & air, excellent condition
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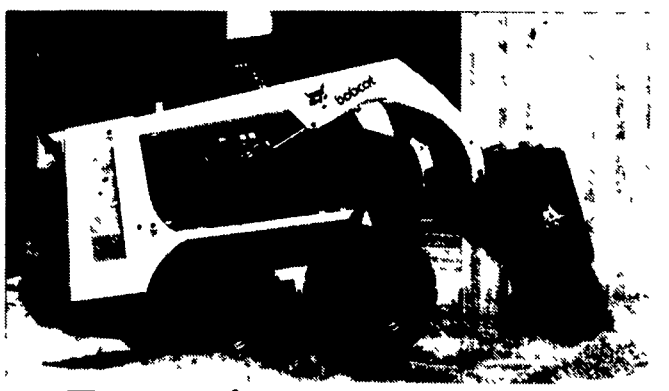

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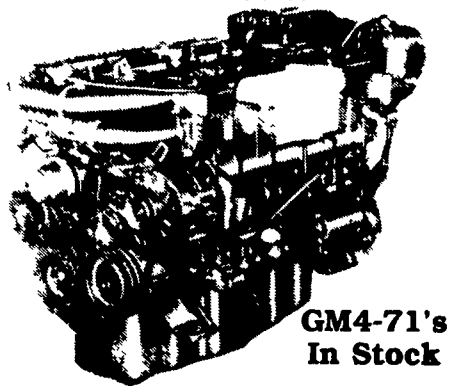

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JD 2550 diesel ind. PTO, nice, 65 HP	$12,500
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JD 2440 1982, hi/lo, ind. PTO, nice	$9,200
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JD 2440, 1982, nice tractor	$8,600
JD 2240 diesel 1982, new paint, 50 HP	$8,500
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JD 2840 diesel, 2100 hrs., original	$8,300
JD 2520 diesel WF, overhauled	$7,800
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JD 2510 Dsl. Tractor w/2520 Engine, WFE, single hyd. outlet $5,750
JD 2950 Tractor w/MFWD, dual hyd. outlets, hi-lo trans. $17,900
IH 1066 Tractor w/cab, 18.4x38 tires, dual hyd. outlets, approx. 3500 hrs. $8,200
IH 1086 Tractor w/factory cab, dual hyd. outlets, new 20.8x38 radial tires, one owner, 3500 hrs. $15,500
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JD 5720 Self-Propelled Forage Harvester, Power rear wheel assist, rear hyd. outlets, new tires front and rear, rotary screen, extras, nice condition, Coming In ..... **Call For Details**
(2) JD 3970 Forage Harvester w/metal detector, spout track, long tongue, hydra electric controls, field ready $13,200
JD 3960 Forage Harvester w/long tongue, hyd. tongue positioner, hydra electric controls $7,900
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JD 3 RN corn head w/multi luber, 150 acres since rebuilt $4,500
JD 3 RN Corn Head w/multi luber $5,350
(2) JD 3RN Corn Head w/multi luber $5,800/each
JD 5½ ' Hay Pickup Head $450
JD Adapter Plate for Snapper Head $500
IH 445 Square Baler w/#15 Thrower, 1984-85 Model, Cylinder on Thrower $2,900
OMC 596 Round Baler w/hyd. twine tie, 4 yrs. old, baled approx. 500 bales $5,500
JD 327 Square Baler w/ejector, 1986 Model $6,900
NH 495 12' Mower Conditioner, cutter bar rebuilt, repainted $3,100
JD 640 Bar Rake w/dolly wheel $1,200

PLANTERS

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JD 7000 4R conservation planter, dry fert., checked over, ready to go to field $5,000
JD 7000 6R Planter w/No-Till attach., dry fert., monitor, hyd. markers $5,500
IH 400 6RN Cyclo Corn Planter, dry fert., monitor, hyd. markers $700
(3) JD FBB-B Grain Drill, w/fert, grass seed attachment, 15x7 boot ..... $350-$1,000

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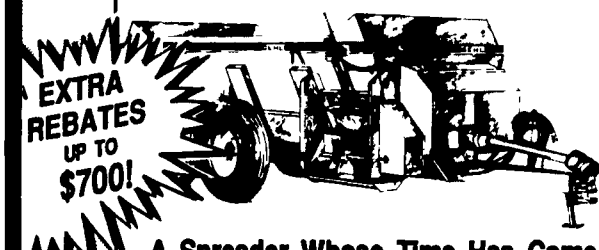

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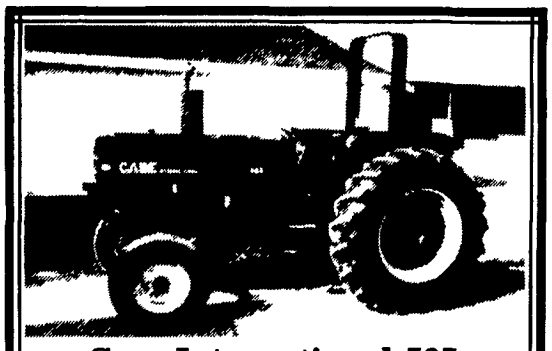

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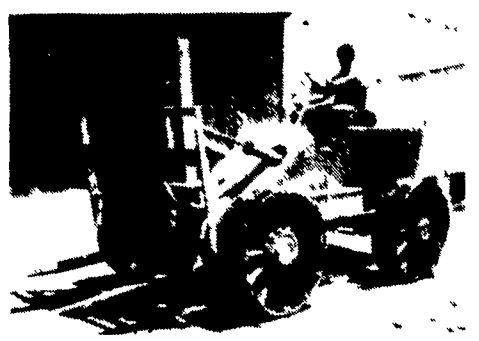

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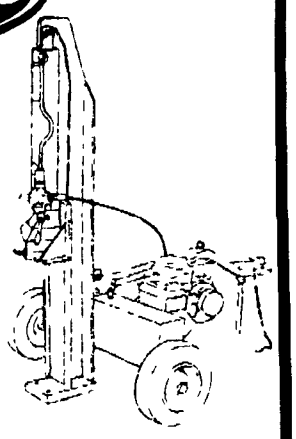

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CURRENTLY DISMANTLING
AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others Loaders, dozers, graders, excavators, backhoes. Many parts removed & checked, ship anywhere
NATIONWIDE PARTS LOCATER SERVICE
NEW ARRIVALS FOR DISMANTLING
Cat 977L; Cat 941B, Case 850B, Wabco 222G scaper. And more--inventory changes weekly
BALANDA EQUIPMENT
PO Box 407
Route 29
Palm, PA 18070
1-800-322-8030

PLOW JD 1350-1450 6 btm spring trip, $600
301-833-9091

PLOW OLIVER 3 btm. trip semi-mount, $350/Offer.
301-833-9091

EXCELLENT CONDITION!

Case 1150C Crawler Loader,
165 HP, 1¾ Yd. Bucket
$24,800

BINKLEY & HURST BROS. INC.
Machinery Sales & Parts Dept.
Mon.-Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30 AM;
Sun. Closed-Lord's Day

1-800-IT PAYS U
(717) 626-4705
DISCOVER MasterCard
Farm Plan. A Service of FPC Financial

Coming...
Binkley & Hurst Bros., Inc.
Annual
DISCOUNT CASH & CARRY DAYS

Starting Wednesday, December 18th, 1991

BIG SAVINGS ON PARTS
AND OTHER MACHINERY SPECIALS

LOOK FOR FULL DETAILS IN THE DEC. 14th ISSUE OF LANCASTER FARMING

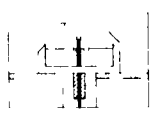
SPECIAL FEATURE: PUBLIC AUCTION OF FARM MACHINERY
SEE PAGE B-39 OF THIS ISSUE FOR DETAILS!

New Dealership!

MiraFount

ENERGY FREE WATERERS

THE ORIGINAL ENERGY FREE WATERER...COPIED BUT NEVER EQUALED!



12 Models Available For Hogs - Beef - Dairy - Sheep - Horses
Cool, Clean, Algae Free Water Makes Mirafount A Winter/Summer Friend

You Never Own An Electric Waterer, You Only Lease It From The Power Company FOREVER!

MIRAFOUNT ADVANTAGES

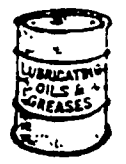
- No freeze-ups
- No algae
- No stray voltage
- No heat elements
- Constant cool water supply
- No bird manure
- No thermostats
- Never rusts
- No rodent problems
- No electrical shock hazard
- Increased weight gains on beef
- Increased milk flow with dairy
- No utility bills
- Automatic refill
- Livestock choose over other waterers
- Easy hookup
- No wasted water

UPS WE SHIP UPS ANYWHERE!

Umberger's of Fontana, Inc.
Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322
717-867-5161
HOURS: Mon.-Thurs. 7:30-5, Fri. 7:30-8, Sat. 7:30-4

Larry L. Adair

Amalie
Shell
Mobil
55 Gal. Drum Delivered Free 50 Mi. Radius From York, PA
Kendall
Lubeco
Concoco



Call For Prices Early Morning Or Late Evenings

(717) 755-8638
800-755-OILS (6457)

New Shipment Just Arrived!

WIC BEDDING CHOPPER

HERE'S WHAT'S NEW:

- Honda GX390 13 HP Engine
- Heavier Fiberglass Hopper
- Heavier Knife Drum
- 3 Pt. Hitch Model Available

FREE DEMOS! Give Us A Call.

Umberger's of Fontana, Inc.
Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322.
717-867-5161
HOURS: Mon.-Thurs. 7:30-5, Fri. 7:30-8, Sat. 7:30-4

Deer Hunting Specials

New Ford Model 8830, 4 WD, cab & air
New Ford Model 4610, 8x2 trans, 14.9x24 tires
New Ford Model 5610, 16x8 dual power, 2 valves
New Ford 5610 Special, 8x2 trans., 7.50x16
New Ford 345C Tractor ldr. w/3 pt., 6x4 trans.
New Ford 655C TLB, 4WD, cab
Ford 8000 fresh motor, dual power
Ford 7710, 2WD, cab, air, real sharp, 18.4x38 rdl
Ford 7700 good, dual power, turbo
Ford 6600 good condition
Ford 4000 SU w/front hyd. broom
Ford 8N & 9N, 3 pt. hitch, appearance good
Ford 1910 w/Woods L306 mower
Ford 1210 w/916A mower, hydro trans.
Kubota B1550, hydrostatic, 4WD, bi-turn & ldr.
John Deere 1050, 4WD, 3 Pt, w/75 loader
Case 411B, runs good
Cub Lo-boy new w/Woods L59 mower, hyd. lift
Farmall Cub w/L59 Woods mower
Farmall B w/L306 Woods mower
IHC Model 2444 w/6' Woods mid mt. mower
Ford 600 w/mounted 12' gang mower
Ford 655 TLB, 4WD, AC, cab, ext hoe, 4-1 bkt
Ford 555 TLB, 4-1 bucket, cab
Ford 4500 tractor loader backhoe
MF tractor loader backhoe Model 200
Huber maintainer w/hydraulic blade
NH Skid loader Model L445, Deutz dsl. eng.
Mustang Model 1700 skid loader
Western Roller, 2 ton, vibratory w/Wisconsin eng
Austin Western crane Model S210
Case crawler, Model 420B w/loader
Selection of New and Used Trailers
Sale Prices on All Lawn Tractors
10' Moore notill drill - sell or rent

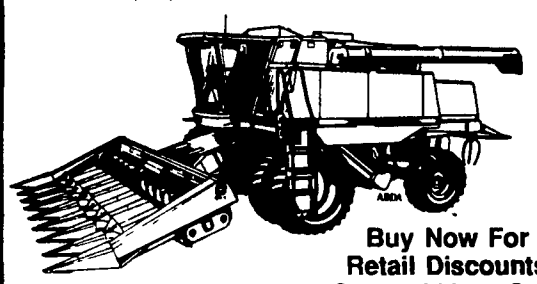
Straley Farm Supply
Dover, PA
717-292-2631
Fax 717-292-0422

JOHN DEERE

LEADERSHIP AT WORK

SAFETY Live with it!

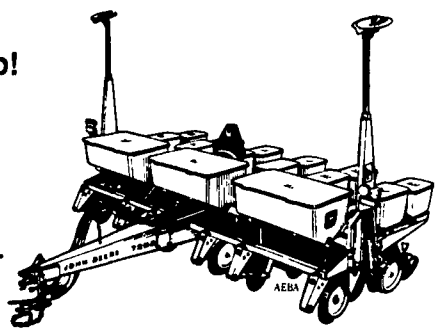
★ NEW JOHN DEERE 4960 IN STOCK! ★



NEW COMBINES

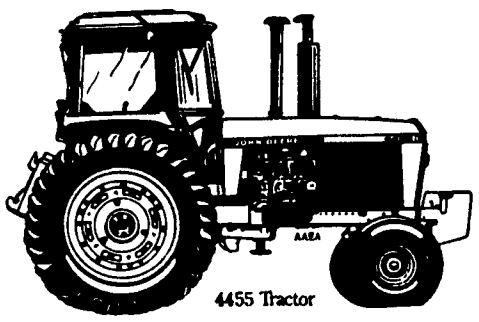
- (2) (1) 9400 - In Stock!
- (2) (2) 9500 - Ready To Go!
- (5) (4) JD 643 - 6 Row Narrow
- (2) (4) JD 915 - Flex Head

Buy Now For Special JD Programs - Early Retail Discounts Until Dec. 31 And Waiver To Sept. 1992 or Cash Discounts In Lieu of Waiver



NEW CORNPLANTERS!

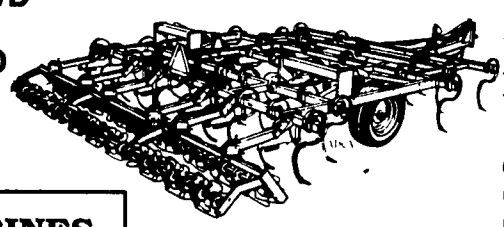
- (2) JD 7200, No-Til Liquid, 6-Row
- (1) JD 7200, No-Til Dry, 4-Row
- (1) JD 7200, No-Til Liquid, 4-Row


4455 Tractor

NEW TRACTORS

- (1) New JD 4960 MFWD In Stock - Come See!
- (1) Demo JD 4555 MFWD — GREAT PRICE!
- (1) New JD 4455 MFWD
- (1) New 4055
- (1) New 2355
- (3) New 1070

NEW TILLAGE TOOLS



- (2) (2) JD 714 13'9" Mulch Tillers Priced From $11,525
- (1) (1) JD 714 11'3" Mulch Tillers Priced From $9,239
- (1) JD 724 Mulch Finisher
- (1) JD 960 18'6" Field Cultivator
- (1) JD 970 Roller Harrow
- (1) 635 12'2" Rock Cushion Disk List ~~$9748.36~~ Now $7,900
- (1) 635 20'9" F[SOLD]ion Disks

USED TRACTORS
JD 4650 MFWD, 15 Speed, Power Shift, Triple Remotes, Cab & Air, 20.8x38 Radials, 1559 Hours - SHARP!

USED COMBINES
PRICED TO SELL!

- JD 6620 Level Land
- JD 6600 Side Hill
- JD 7700

★ USED INT. 490 DISK ★

JUST TRADED! 1982 6620 SIDEHILL — Ready To Go!

LEHIGH AG EQUIPMENT, INC.

6617 Chapmans Rd., Allentown, PA 18106 215-398-2553

JOHN DEERE

We Ship Parts Same Day To Your Farm!

Hours:
Monday Thru Friday, 7:30 to 5:30;
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CALL TOLL FREE FROM ANYWHERE IN THE U.S.A. **1-800-DEERE-PARTS or 1-800-333-7372**

Parts Department! End-Of-Year SAVINGS!

• Buy Now And Save On 1991 Taxes

10% DISCOUNT ON IN-STOCK PARTS

Dec. 9 Thru Dec. 14

Coffee & Donuts!

If You Can't Stop In — Call In Orders To Gary, Kevin or Josh!

ERB & HENRY EQUIP., INC.
New Berlinville, PA
One Mile North of Boyertown
215-367-2169
FAX: 215-367-6715

case IH

Best Buys in Used Equipment

TRACTORS:
Farmall Cub w/3-Gang Montgomery Reel Mower
IH Farmall "C" w/Cultivator - $750!
IH 84 Hydro w/2250 Loader, 58 HP, Like New!
IH 84 Hydro w/84 Woods Rotary Mower, 112 Hrs., Like New - $16,500!
IH 384 38 Hp., Diesel Utility w/72" Woods Under-Mount Mower, Like New
IH 460 Diesel Tricycle - Nice Shape!
IH 574 Diesel w/2050 Loader
IH 674 Diesel
IH 884 2WD w/2250 Loader
Int. 300 Fast Hitch Utility
Ford 4000
(2) Ford 2110 Gas Low Boys w/Big Turf Tires
MF 20C, 45 Hp. Diesel, Shuttle Shift, Turf Tires, Nice Shape!
Case 400 Gas, Tricycle
JD 90 Skid Loader
Bolens 292, 30 HP Diesel, 2WD, Like New
Kubota B7200 w/5 Ft. Mower, 2WD

COMBINES:
IH 227 CH, fits 315, 205 or 203
MF 1144 4-Row Wide CH, Ex. Cond.
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel, AC Cab, Transm. Rebuilt, Real Nice Cond.
IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 430 Baler

TILLAGE:
IH 37 Disk Harrow
IH 350 Disk Harrow, 28 Disks, 7½ Spacing
White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)

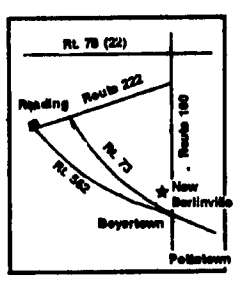
HAY & FORAGE:
NH 469, 9 Ft. Mower Conditioner
NH 479, 9 Ft. Mower Conditioner
NH 315 Baler w/No. 58 Thrower
Case IH 900, 9 Ft. Mower Conditioner
JD LR24 Rake
JD 716 Forage Wagon, No Roof, w/JD Running Gear, Tandem Axle
Badger Forage Box w/Tandem Axle
IH 51 Forage Box- Nice Shape!

PLANTERS:
AC 600 6-Row Narrow Air Planter, No Till, Ex. Cond.
IH 510 21x7 Plain Grain Drill w/Press Wheels - Needs Work, $2,200

OUTDOOR POWER EQUIP.-
Good Selection Of Used Lawn & Garden Tractors— All Makes And Models
Cub Cadet 1912 19 HP w/60" Deck, Like New
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet 1862, 18HP, PS, 46" Deck, Like New!
Cub Cadet 682, 17 HP w/44" Deck
Toro 7 Gang Pull-Type Golf Course Mower
(1) National 3-Gang Triplex, 1987 Model, 68" Cut- Was $2,000 - Now $1,800

MISCELLANEOUS:
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
Ag Chem Model 502 Trailing Sprayer, 500 Gal. - Real Nice!
NH 302 Liquid, Side Discharge Spreader, Single Axle, Nice Shape
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
LPL 200 Automatic Roller Mill, 3 Hp. Motor, Vert. Auger - Like New - $2,400 Now $1,900!
Work Saver Front 3 Pt. Hitch Package For Case IH 685 Tractor- $1,800

We Ship UPS Daily!



Hours: Daily 7:30 to 5:00;
Sat. 7:30 to 3

ERB & HENRY EQUIP., INC.
New Berlinville, PA
One Mile North of Boyertown
215-367-2169
FAX: 215-367-6715

case IH

Gourmet CHEESEBURGERS

case IH PARTS VALUE OF THE MONTH

Pre-Season Service Savings

BE READY FOR SPRING

Call Lawrence In Service Dept. For Details!

SERVICE SPECIAL DATES
Dec. 15 Thru March 15

Get Your Case/IH Tractors and Equipment Into Top Shape For The Busy Season Ahead And Save At Off-Season Prices!!

ERB & HENRY EQUIP., INC.
New Berlinville, PA
One Mile North of Boyertown
215-367-2169
FAX: 215-367-6715

case IH

NEW EQUIPMENT IN STOCK

Case IH 1825 Diesel Uniloader - 3 left at Special Price - Company Rebate Available!
Case IH 2200 and 2250 Loaders
Case 530 Spreader
Case IH 415 Packer Mulcher, 10'1" Demo
Case IH 8360 12' Hydroswing .
Case IH 5100 20x6 Plain Drill - Old Price!

CLEARANCE! Must Sell... Call For Prices

CALL FOR DETAILS & PRICES ON THE NEW EQUIPMENT YOU NEED!

Case IH 8520 and 8545 Twine Balers w/Throwers
Case IH 8420 and 8430 Round Balers
Case IH 8830 12' Self Prop. Mower Conditioner
Case IH 495, 395, 595 and 695 Tractors - 2WD and 4WD - call for details!
Case IH 245 Tractors - 2WD Leftovers At Old Price!
MAGNUM TRACTORS... 7120 & 7140 - 2WD & 4WD - Call!
MAXXUM TRACTORS... 5120's, 5130, 5140's - call for details!
Case IH Uniloaders - 1845C, 1825 Diesel - call now!
NEW CASE IH 1840 UNI-LOADER w/SPECIAL COMPANY REBATE!
PLOWS... Case IH 145 Rollover, 720 6-Bot., 730 5-Bot!
NEW CASE IH 7500 5-BOT. VARI-WIDTH PLOW - IN FURROW!
Case IH 475 and 496 Disk Harrows... Various Sizes In Stock!
Case IH 415 Packer Mulcher
Case IH 181 Min. Till Rotary Hoe
Case IH 600 Blower - OLD PRICE!
Case IH 900 6-Row Planter, Liq. or Dry
Case IH 8340 Mower Conditioner, 9 ft.
Case IH 530 & 540 Spreader
Case IH 2255 Loaders
Case IH 1043 4-Row Cornhead
Case IH 1020 Platform, 15 and 16½

Cash Discounts or 5.9% Interest on Most Equipment

ERB & HENRY EQUIP., INC.
New Berlinville, PA
One Mile North of Boyertown
215-367-2169
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case IH

NEW IDEA

USED EQUIPMENT
NH 495 Haybine
(2) NH 489 Haybine
A 6R 30" Head for AC Combine
JD 27 Flail
JD 7000 12R Corn Planter
Hesston 4600 Baler w/ Thrower
Hesston PT10 Windrower
MF Model 52 Disc
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp!
White 8900 Combines
Farmall M Tractor
Westfield 8x51 Auger
Ford 118 Plow
IH 986 Tractor w/Cab
White 5100 6R Planter Liquid
White 5100 4R, Liquid
JD 7000 6R Planter
MF 22 Bale Thrower
Woods 84" Rotary Cutter, 3 Pt.
Vicon 2400 Lb. Fertilizer Spreader

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

MASSEY-FERGUSON
Where farmers' ideas take root.

David Brown 1210
Ford 6600
Farmall Cub w/Attachments
Ford Versatile V-276 By-Directional w/Loader
NH 479 Haybine
NH 55 Rake
NH 256 Rake
NH 668 LH Tank Spreader
NH L425 Skid Loader
NI 390 BU Spreader w/ Endgate And New Chains
Gehl 99 Blower
MF 52 Disc
MF 12 Baler w/Thrower
Woods 5' Rotary Cutter
NI 290 Mower Conditioner

Ford FORD NEW HOLLAND

SCHREFFLER EQUIPMENT
Pitman, PA
717-648-1120
717-648-1511

SMITH FARM EQUIPMENT
30 Acker Rd.
Newport, Pa.
Perry County
717-567-3562

Gleaner M2 Combine, 13' grain head

USED EQUIPMENT
NH 555 Skid Loader
NI 323 picker
Oliver 1755D WFE cab 3 pt.
Oliver 1650 Gas NFE w/ Roll Bar
IH 966 w/cab
IH 560 Gas
656D Hydro
MF 180 Dsl.
154 Cub Lowboy w/60" mower
300 Gas w/loader
(New) JD 148 Loader
NH 27 Blower
Flo-Eze wagon
NH 273 Baler and Thrower
Moritz Cattle Trailer
56 Hustler Silage Blower
Steel Hay Wagons
Demco 300 Gal. Sprayer
Oliver 1650 D w/Cab
NI 324 Picker

Norm Shores & Son Tractor

RR 5, Towanda, PA 18848

717-265-9014

Delivery Available
Lease Financing Available

USED TRACTORS

Ford TW5, Series II, Cab & Air, Dual power, dual remotes, deluxe hyd. system, 1300 hrs., excellent

Ford 7700 2WD, no cab, w/dual power, 38" tires, good condition

Ford 7610 Dsl. factory cab w/heat, dual power, dual PTO, 38" tires and weights, very nice

Ford 6600 Dsl. w/dual power, 38" tires, front weights, extra nice, clean tractor

Ford 6600 w/factory cab, dual power, dual remotes, Ford 772 QT loader, 2500 hrs., very nice

Ford 2000 Gas, 4 spd, extra nice, clean, little tractor

Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, very nice condition

Ford 601 Gas, 4 spd., w/Ford 705 front dozer blade

Ford 9N w/weights, front snow plow, excellent

Ford 9N w/step-up transmission, fresh overhaul, new tires and paint, excellent SOLD

JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent

JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice

JD 4320, Factory Cab, w/air, dual remotes, 3800 hrs., excellent condition

JD 4020, 1971 w/factory cab, factory air that works, dual remotes, syncro-range, 3000 orig. hrs., excellent condition SOLD

JD 2950, 4WD, cab, air, fully equipped, 2500 hrs., excellent

JD 830 2 cyl. dsl., direct electric start, PS, PTO, remote, all original, very nice

White 2-135, 4WD, 1981 Model, Cab, Air, 2500 Hrs., front weights, 20x38 tires, excellent condition

Case 730 Dsl., WF, 3PT, dual remotes and weights, totally original, excellent condition

AC D17, w/PS and AC trip bucket loader

IH 1594, 4WD dsl. w/ROPS, 1985 model w/1200 hrs., very nice

IH 1066 factory cab w/air, dual remotes, nice clean original tractor

USED PLANTERS AND DRILLS

JD 8350, 18 Single Disc, Seed, Grass Seed, Fert., Extra Nice

JD 7000 4R conservation, insect. boxes and monitor, excel. condition

Brillion 12' seeder, late model w/hyd. transport, excellent

IH #10 16 DD Grain drill, w/ fert. & seed, excellent

USED PLOWS AND CHISELS

Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)

White 598 5x auto reset variable width w/coulters, very good cond.

Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent

Oliver 548 4x16, auto reset w/coulter and gauge wheel, very nice

Brady 9 tooth 3 pt. chisel plow

Glenco 9 tooth soil saver, late model, used very little, just like new

Glenco 9 tooth soil saver, very good condition

USED DISCS AND HARROWS

IH 315 13' Cultimulcher w/inside wheels, very good cond.

JD 220, 20' Hydraulic Center Fold, Excellent Cond.

JD 230, 20' Hydraulic Wing Fold, 21" Blades, Tandem Wheels

White 265 10' plowing disc, very nice cond.

White 263 12' finishing disc w/tandem wheels, very nice

Pittsburgh 24' spring tooth transport harrow

Miller 10' offset disc, tandem wheels, 25" blades, heavy 3 bar frame, excellent cond

Krause 12' offset disc, very nice

Brillion 23' all hydraulic x-fold cultipacker, almost new

Knowles 20' transport spring tooth harrow, used very little

USED FORAGE EQUIPMENT

NH 770 w/2RN corn, 770W pickup, HD 540 PTO, very nice

NH 782 w/824 corn, 770 pickup, HD540 PTO, good condition

JD 3960, 2RN and pickup, electric controls, hyd. tongue, very good condition

JD 3970 3RN, 7' Pickup, iron guard, spout and row track, electric controls, excellent

JD 5400 cab, air, 4WD, JD Dura-Drum, 3 RN 7' pickup, 3600 hrs., excellent condition

USED HAY EQUIPMENT

NH 316 Baler w/#70 all hyd. thrower, electric controls, cylinders and hoses, like new SOLD

NH 315 Baler w/#75 pan thrower, excellent

NH 315 w/#70 thrower, nice, clean, orig. baler

NH 489 Haybine, stop guards, hyd. tongue, like new

NH 488 Haybine, 9' cylinders and hoses, good machine, w/excellent rolls

NH 495 12' Haybine, very good condition

NH 256 Rake, w/rubber teeth, nice

NH 256 Rake, w/rubber teeth, one yr. old, like new

Pequea 710 Hay tedder, used very little

Several used wooden bale throw wagons w/gears

Used pipe type bale throw wagon w/NH gear, excellent

New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem

Artsway Dion, 3 beater w/roof, 12 ton tandem excellent

JD 716 3 beater w/roof, tandem running gear

Lamco 14' 3 beater, no roof

NH #8 3 beater, no roof, very nice

USED SPREADERS

NH 680 Tandem Axle w/hyd. endgate w/slurry sides, excellent

NH 679 Tandem Axle spreader w/gate

JD 780 Tandem Hydro Push Spreader 540 PTO w/endgate and control valve

LOADERS

JD 260 Quick attach loader for 4WD tractors, excellent

JD 148 Loader w/Heavy Duty Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition

Ford 7[illegible] MD loader, fully equipped, like new SOLD

IH 2001 Loader, brackets for 656 thru 686

USED HARVESTER HEADS

NH 900 W Pickup

NH 824 2R Corn, excellent

NH 3RN auger base corn head package,

NH Auger base w/8' hay pickup

JD 2RW w/clutch

Gehl TR30 38 late model 2R adj. cornhead

NH 770W hay pickup head, excellent

Gehl 2RW older style, good cond.

USED CONSTRUCTION EQUIPMENT

JD 2010 Dsl. loader w/ROPS, rear weights and hyd. shuttle, nice clean older machine

Ford 3400 Gas w/ldr., 3 pt. and PS

MISCELLANEOUS

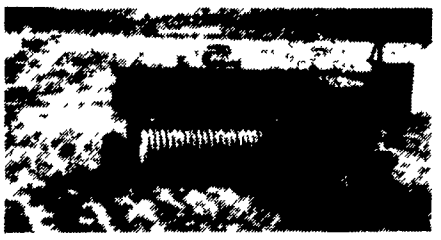
MF 410 Combine 13' Hume reel, cab & air, extra nice

JD 18x38 axle mount duals

IH 16x38 axle mount duals

JD Forage Harvester adapter plate for snapper head

SOMETHING TO CROW ABOUT.... LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!



NH 315 Baler & 58 Thrower

Used Very Little

$3,500

301-898-7426

Best Buys in Used Equipment

TRACTORS

AC D17	JD 2940	Case 1896 MFD
(2) IH M	JD 8560	Case IH 7120
IH 450	JD 2630	Case IH 7110 MFD
IH 1066	JD 4430	Case IH 7130 MFD
IH 4586	JD 4320	Case IH 9130
IH 544	JD 1020	Case 1840 Skid Steer
IH 5488	JD 8640 w/14" Blade	Case 850 Bulldozer
IH 1466	JD 4230	Case 930
IH 1586	JD 3020	Case 4890
IH 485 w/Loader	JD 4440	Case 1835C Skid Steer
IH 1486	JD 7020	Case 2590
(3) IH 3588	MF 1155	ST 251
IH 886	MF 2135	(2) ST Panther II

DISCS

JD 14'	IH 470 23'	KR 2416 26'
JD 230 21'	IH 37 10'	KR 1966 31'
Ford 230 16'	IH 496 22'	KR 2440 26'
(3) IH 490 22's	KR 1966	(2) SF 20'

FIELD CULTIVATORS

MK 32' Field Cultivator	IH 45 Field Cultivator 15'
Glencoe 18' Field Cultivator	JD 1100 Field Cultivator
Brady 18' Field Cultivator	BR 21' Field Cultivator
IH 22' Field Cultivator	BR 19' Field Cultivator
IH 25' Field Cultivator	

PLOWS

Hinicker 21' Chisel Plow	JD 1350/1450 Plow
Athens 14' Chisel Plow	JD 22 Chisel Plow
Oliver 6x18 Plow	JD 900 Chisel Plow
KR 2321 22' Chisel Plow	JD 1600 Chisel Plow
IH 165 Plow 4x18 Rollover	JD 2350-2450 8x18 Plow
IH 700 Plow 8x16 OL	BR 14' Chisel Plow
IH 710 Plow 7x16 OL	WR 10x18 Plow

MISC. TILLAGE

CI 14-9 Shank Subsoiler	BR 18' Crowfoot Packer
IH 415 Cultimulcher	BR 25' Crowfoot Packer
IH 15' Rotary Hoe	JD 910 7 Shank Subsoiler
MK 8R Cultivator	JD 12' Packer

MISCELLANEOUS

NH 718 Chopper	JD FB100 Drill
(2) CI 5100 Drill, 21x7	(2) JD 7000 Planter, 8 Row
Lilliston 9680 No-Till Drill	Case IH 900 Planter 6RN
Lilliston 9690 No-Till Drill	IH 510 Drill
Kruger 1200 Gal. Alum. Tank	IH 10 Drill 16x7
BH 3450 Loader	(2) IH 6200 Drills
John Blue Sprayer 500 Gal.	IH 50 Shredder
John Blue A7000 Sprayer	Black Corn/Bean Planter
Haybuster Tandem No-Till Drill 24'	FMC 25 RC Sprayer

HAY EQUIPMENT

(2) JD 1209 Haybine	NH 56 Rake
IH 46 Baler	NH 1010 Bale Wagon
NH 320 Baler	NH 277 Baler
NH 320 Baler	NH 90 Bale Stacker

COMBINES

NH TR70	(6) Case IH 1680	JD 6600
AC N6	IH 1460	JD 7720 4WD
AC M2	JD 7700	MF 760
Case IH 1660	(2) JD 6620	(2) MF 750

Large Selection Of Cornheads And Platforms Available

HOOBER

HOOBER EQUIPMENT INC

MIDDLETOWN, DE

(302) 378-9555 1-800-341-4028

case IH

Best Buys in Used Equipment

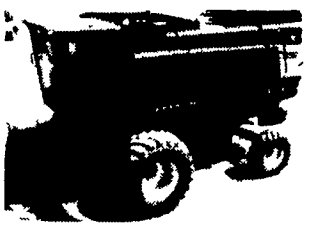
NOW YOU CAN AFFORD TO OWN AN AXIAL-FLOW COMBINE.

YOU CAN BUY ANY OF THESE USED AXIAL FLOW MACHINES AND FINANCE IT AT 5.9% For 48 Mo...

Take your pick while the pickings are good

LOW HOUR AXIAL FLOW COMBINES

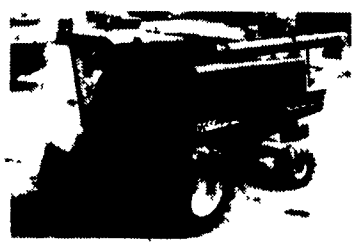
Our customers traded these combines to get Low Rate Financing from CASE Credit. When you purchase one, you can also get 5.9% financing for 4 years. If you'd like a NEW CASE IH Axial Flow Combine backed by Hoober's Service, but you can't afford it; this choice is yours. You can afford one of these machines equipped with SPECIALTY ROTORS.



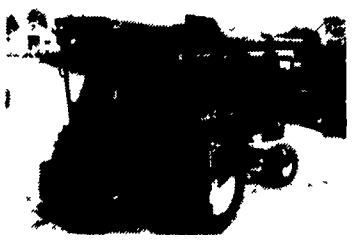
Case IH 1680 Combine, 1989 Yr., 631 Hrs., 30.5x32 & 14.9x24, AHHC, GL Monitor, Feeder Reverser (U6139)

LATE MODEL AXIAL FLOW COMBINES

These combines were all built by Case IH after the merger in 1985. All are eligible for 5.9% financing for 4 years. You will get years of dependable service from one of these late model combines.

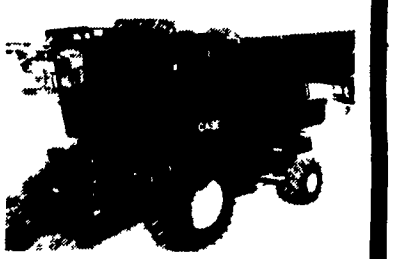


IH 1460, 1985, 2191 Hrs., 30.5x32 & 18.4x16.1 AC, AHHC, Spinrs, Chopr (U6238)



CIH 1680, 1986, 30.5x32 & 18.4x16.1 AC, AHHC, GL Monitor, Feedr Revsr, Reel to Grnd Chopr, Hyd. Fore & Aft (U6420)

CIH 1660, 1986, 1550 Hrs., 24.5x32; 18.4x16.1, AC, AHHC, GL Monitor, Spinrs, Feedr Revsr, Reel To Grnd, Rock Trap, Specialty Rotor, Chopper, 2 Spd. Hydro. (U6136)



Case IH 1660, 1987, 30.5Lx32 & 18.4x16.1 Tires, AC, AHHC (U6566)

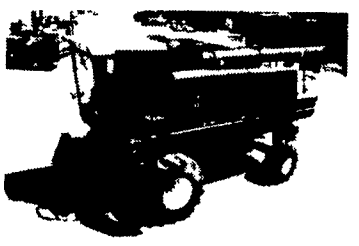
- Case IH 1680, 1986, 30.5x32-New Tires, Mud Hog 4 WD, Grain Monitor, Conventional Rotor, Yield Monitor, AHHC, Chopper, Feeder Reverser, Reel to Ground, 2 Speed Hydro, 2911 Hrs. (U6438)

RECONDITIONED AXIAL FLOW COMBINES

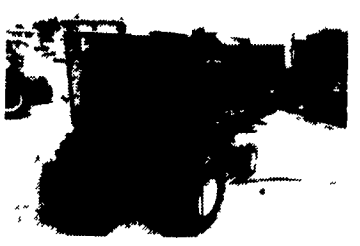
These combines have been, or are in the process of being, reconditioned by our combine service specialists. Once an axial flow combine has been reconditioned by Hoober mechanics, it will deliver years of dependable service to you. If you are looking for a machine to do 200 to 800 acres a year, one of these machines is the right choice.

- IH 1460, 1981 3000 Hrs., 28Lx26, AC, AHHC (U6454)

IH 1460, 1979, 3191 Hrs., 28Lx26 & 18.4x16 Tires, Overhauled Engine - 1990, Rebuilt Hydr. - 1989 (U6503)
$22,000



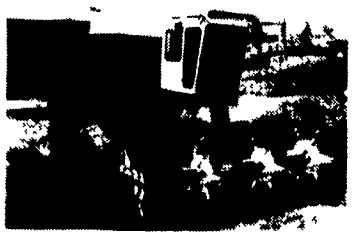
IH 1460, 1982, 28Lx26 & 18.4x16.1, AC, AHHC, Feedr Revsr, Spinrs (U6219)



IH 1460, 1978, 4,179 Hrs., 28Lx26 & 10x16 AC, AHHC, Spinrs (U6444)

- IH 1480, 1981, 2804 Hrs., 4 WD, AHHC, G.L. Monitor, Yield Monitor, Chopper, Spinners, Feeder Revers., 30.5x32 & 16.9x24 Tires (U6439)

THESE COMBINES ALSO AVAILABLE AT 5.9% FINANCING FOR 48 MONTHS



IH 715, 1976 Yr., Diesel Engine, Gear Trans. (U5763)

IH 915, 1976, 2800 Hrs., 28Lx26 & 11Lx16 Spinrs, Diesel Hydro (U5690)
~~Was $8,500~~
NOW $7,900

- AC M2, 1980, 2,100 Hrs., 23.1x30 Hydro, AC, AHHC, Chopr, 630 Cornhd, 15' Pltfm (U6265)
~~Was $19,500~~
NOW $18,500

JD 4400, 1979, 2548 Hrs., 215-15' Flex Platform Variable Speed (U6545)
$22,000

- MF 850, 1981, 2150 Hrs., 28Lx26 & 14Lx16.1 Cab w/AC, Hydro, AHHC, Chopr, w/1163 Cornhead & 15' Flex Platform (U6470)
~~Was $32,500~~
NOW $29,500

- IH 915 1977 Cab, 28Lx26 Tires, Hydro, AHHC (U6516)
~~Was $9,000~~
NOW $8,500

- MF 550, 1980, 23.1x26 Diesel Hydro, 15' Flex Platform Chopr (U5733)
~~Was $16,950~~
NOW $12,800

- JD 6600, 1874 Hrs., 28Lx26 & 9.5Lx20 Tires, Hydro, Chopper (U6571)

Case IH

Serving Agriculture 50 YEARS

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HOOBER
C.B. HOOBER & SON INC.
INTERCOURSE, PA

Case IH

Best Buys in Used

50th Anniversary/ Inventory Reduction SALE!! WHY??

Reason No. 1: CB Hoober & Son Inc. is celebrating 50 years in business serving the machinery needs of farmers in Lancaster County and Eastern PA.

Reason No. 2: 1991 has been our best-ever sales year for New and Used Equipment; so we need to reduce our inventory of Used Equipment trade-ins...

USED TRACTORS & UNILOADERS

Over 200 Horsepower & 4WD Models

JD 8630 1977 6,260 Hrs., 4 WD, 30.5x32 Cab w/AC, 3 Hyd. Valves, 1000 PTO, Rated 225 HP (W6109)

JD 8560 1990 494 Hrs. 4WD 20 8x38 Cab w/AC, 3 Hyd. Valves, Rated 202 HP (W6113) Was ~~$68,000~~ NOW $63,500

Steiger ST251 1979 3,414 Hrs. 4 WD, 20 8x38, Cab w/AC, 3 Hyd. Valves, 3 Pt. w/Quick Hitch, Rated 206 HP (W6155) $44,000

CIH 9130 1988, 967 Hrs. 4WD 18 4x38, Cab w/AC, 1000 PTO, 3 Pt. Hitch, 4 Hyd. Valves, Steerable Frnt Axle, Rated 191 HP (W6085) Was ~~$69,500~~ NOW $63,500

130 to 200 Horsepower

CIH 7130, 1988, 849 Hrs. MFD 20.8x42 & 16.9x28, Cab w/AC, 3 Hyd. Valves, 540 & 1000 PTO, Rated 172 HP (W6200) Factory Warranty Applies Till 3/31/93 Was ~~$65,000~~ NOW $62,000

CIH 7130 1988 267 Hrs. MFD 18.4x42 Duals & 16.9x28, Cab w/AC, 3 Hyd. Valves, 1000 PTO, Rated 172 HP (W6292) Factory Warranty Applies Till 5/17/93 Was ~~$65,000~~ NOW $62,000

CIH 7120 1989 1,096 Hrs. MFD 20.8x38 & 16.9x28, Cab w/AC, 3 Hyd. Valves, 540 & 1000 PTO, Rated 151 HP (W6428) Factory Warranty Applies Till 12/31/94 Was ~~$52,000~~ NOW $50,800

CIH 7120 1989 725 Hrs. MFD 18.4x42 & 14.9x28, Cab w/AC, 3 Hyd. Valves, 540 & 1000 PTO, Rated 151 HP (W6216) Factory Warranty Applies Till 12/31/94 Was ~~$54,800~~ NOW $52,800

CIH 7120 1988 2WD Cab w/AC Rated 151 HP (W6274) Factory Warranty Applies Till 2/24/94 Was ~~$48,000~~ NOW $44,600

IH 5488 1982 2WD 20 8x38, Rated 187 HP (W6435) $30,900

IH 5288 1981, 2,603 Hrs. 20.8x38 & 11x16, Cab w/AC, 3 Hyd. Valves, 1000 PTO, Rated 162 HP (W5999) Was ~~$26,900~~ NOW $24,900

IH 1586, 1979, 20.8x38 & 11x16, Cab w/AC, 2 Hyd. Valves, 540 & 1000 PTO, Rated 161 HP (W5796) Was ~~$18,900~~ NOW $17,800

IH 1566 Diesel, 20.8x38 & 11Lx15 Tires, 2558 Hrs., 2 Valves, Rear Wh. Cab, Koyker K6 Loader, Paint Very Good, 161 HP (W6579)

IH 3588 1981 948 Hrs. 4 WD 18.4x38 Cab w/AC, 4 Hyd. Valves, 1000 PTO, Rated 150 HP (W6436) Was ~~$23,500~~ NOW $22,000

IH 5088 1982 18.4x38 Duals, Cab w/AC, 4 Hyd Valves, Rated 136 HP (W6033) Was ~~$27,900~~ NOW $23,900

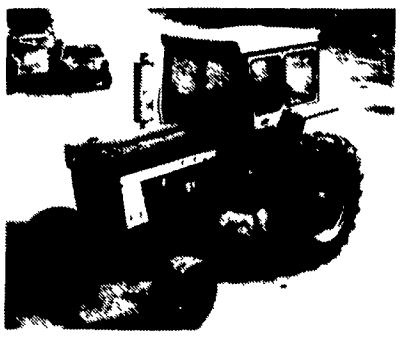
IH 5088, 1981, 2,653 Hrs. 18.4x38 & 14Lx16.1, 3 Hyd. Valves, 540 & 1000 PTO, Rated 136 HP (W5649) Was ~~$24,900~~ NOW $22,900

IH 1086 1981 2,897 Hrs. 18.4x38 & 11.0x16, Cab w/AC, 2 Hyd. Valves, 540 & 1000 PTO, Rated 131 HP (W6426) Was ~~$20,500~~ NOW $18,900

80 to 130 Horsepower

AC 6080 1982, 3,205 Hrs. 18.4x38 & 9.5Lx15, Cab w/AC, 2WD, 2 Hyd. Valves, 540 PTO, Rated 83 HP (W6054) Was ~~$13,900~~ NOW $11,900

IH 186 Hydro 1977 6,925 Hrs., 18.4x38 & 10x16, Cab w/AC, 3 Hyd. Valves, 540 & 1000 PTO, Rated 105 HP (W6244) Was ~~$18,800~~ NOW $17,900

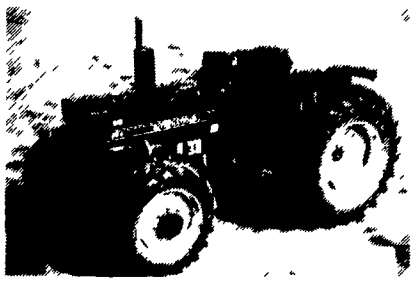


IH 966, 1973, 5,787 Hrs. Diesel, 18.4x38, 2 Hyd. Valves, 540/1000 PTO, Rated 92 HP (W4945) Was ~~$10,965~~ NOW $8,900

IH 886 1977 6,280 Hrs., 18.4x34 & 10x16, Cab w/AC, 2 Hyd. Valves, 540 & 1000 PTO, TA, Rated 86 HP (W6449) Was ~~$14,900~~ NOW $12,800

Under 80 Horsepower

IH 706 1966 6,030 Hrs. Gas, 16.9x38 & 7.5x16, TA, 1 Hyd. Valve, 540 & 1000 PTO, 3 Pt. Hitch, Rated 74 HP (W6299) Was ~~$4,800~~ NOW $3,900

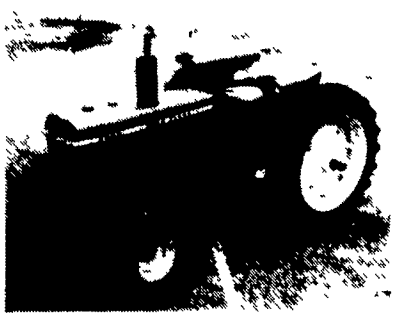


IH 884, 1982, 1,903 Hrs. MFD, TA, 18.4/15x30 & 11.2/10x24, 2 Hyd. Valves, 540 & 1000 PTO, Rated 73 HP (W6391) Was ~~$13,900~~ NOW $12,800

IH 544 1971, 5,092 Hrs. Diesel, 13.6x38 & 6 5x16, 1 Hyd. Valve, 540 PTO, Rated 53 HP (W6235) Was ~~$5,900~~ NOW $5,200

IH 584, 2,466 Hrs., 16.9x30 & 9.5x15, 1 Hyd. Valve, 540 PTO w/2250 Loader, Rated 52 HP (W6427) $13,500

IH Farmall M 1947, Gas, 540 PTO (W6089) Was ~~$1,600~~ NOW $1,275



JD 2440, 1979, 3,139 Hrs., 15.5x38 & 11x15, 1 Hyd. Valve, 540 PTO, Rated 60 HP (W5490) Was ~~$11,600~~ NOW $10,500

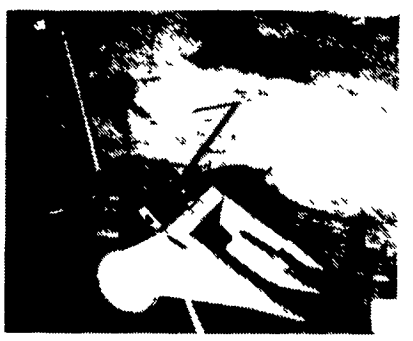
INDUSTRIAL EQUIP. & UNILOADERS

Case W14 1973 Articulated Wheel Loader 13.0x24, Cab w/AC, 1 25 Yd Bucket (W5981)

IH 3514 Industrial Loader, 1968 Hydro, Cab, 75" Bucket (W4936)

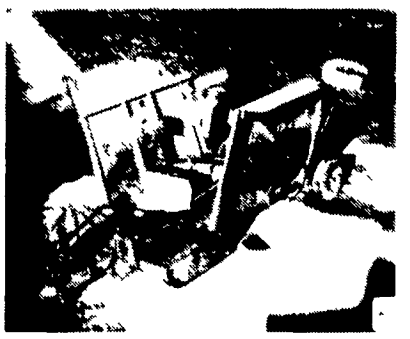
USED HAY & FORAGE

Hesston 4900 Big Baler (U6088) Was ~~$36,500~~ NOW $34,000
NH 315 Baler w/Bale Chute (U5178) Was ~~$3,500~~ NOW $2,400



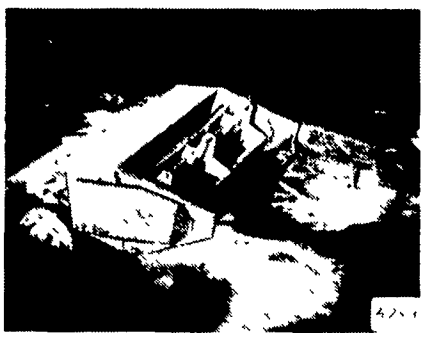
NI 325 Compicker w/314 Pull Type Sheller, 2 Row (U5670) Was ~~$2,000~~ NOW $1,950

JD Mower 15' (U6035) Was ~~$5,500~~ NOW $5,000



JD Model 1508 Flex Wing Mower, 1000 PTO, 15' Cut, Solid Tires (U5715) Was ~~$6,000~~ NOW $5,200

Woods Mower 20' (U5935) Was ~~$5,500~~ NOW $4,500



Hesston Model 1090 Mower-Cond., 9' Cut, 540 PTO (U5753) Was ~~$2,650~~ NOW $1,500

IH 1190 Mower Conditioner, 9' Cut (U6501)
(2) IH Model 35 Rakes w/Caster Wheels (U6197 & 6072) Were ~~$1,500~~ NOW $1,250
Hesston 6610D Windrower, 12' Cut, Steel Rolls, Cab w/AC Diesel Eng w/1724 Hrs. (U6055) Was ~~$12,000~~ NOW $10,300

Serving Agriculture 50 YEARS

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C.B. HOOBER & SON INTERCOURSE

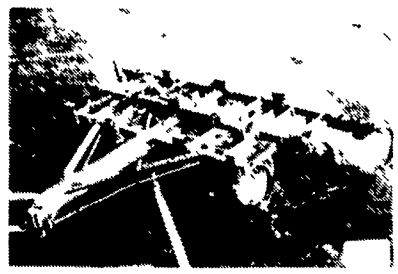
n Used Equipment

FARMER BENEFITS: 1. Excellent Pickings From Large Inventory 2. LOW PRICES 3. Hoober QUALITY SERVICE 4. LOW RATE FINANCING Or WAIVER OF FINANCE * 5.9% On Most Items

Reason No. 3: We can sacrifice price and sell our Trade-in Equipment below wholesale value in order to reduce our inventories by year-end.

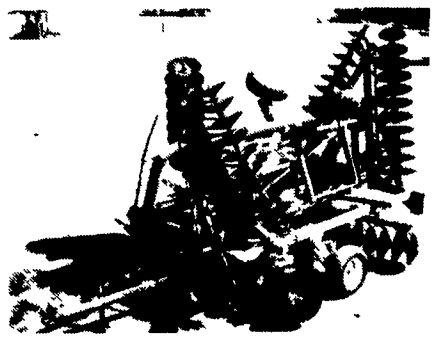
Reason No. 4: We stock New Equipment for all types of farm operations. We are lowering the price of this New Equipment which has been here more than 6 months.

USED TILLAGE



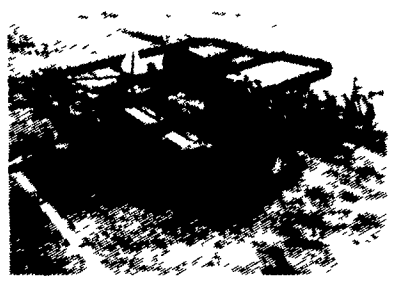
Ford 13 Shk. Chisel (T5573) Was ~~$1,750~~ NOW $1,235

Sunflower Chisel, 21 Shank (T6353)
Brillion 21' Cultimulcher (T6584)
Brillion 12' Cultimulcher (T6551)
Brillion Field Cultivator, 22' Swath (T5193) Was ~~$3,800~~ NOW $1,700
Krause 4138 Field Cultivator, 35' Swath (T5936) Was ~~$9,500~~ NOW $8,500
Krause 4126 Field Cultivator, 28' Swath w/5 Bar Spike Tooth Drag, Spring Loaded C-Shanks (T6215) Was ~~$9,200~~ NOW $8,200
Wil-Rich Field Cultivator, 30' Swath (T6517) $5,500
IH 770 Offset Disc, 12' Cut, 10.5" Spacing (T6459) Was ~~$2,800~~ NOW $2,800
IH 490 Disc, 24'9" Spacing, 21¼" Frnt., 20" Rear Blades (T6069) Was ~~$3,975~~ NOW $2,900
IH Offset Disc, 12' Cut, 20" Blades (T6004) Was ~~$3,500~~ NOW $2,850



JD 235 Disc, Flexwing 25' Cut, Cushion-Gang, Greaseable Brgs, New Blades, 9" Spacing (T5846) Was ~~$8,900~~ NOW $7,300

JD 220 Disc, Single-Fold, Flexwing, 18' Cut, 9" Spacing, Blades 20" FT & 21" RR, Scrapers (T6079) Was ~~$3,700~~ NOW $2,900



JD 210 Disc, 13" Cut, 9" Spacing, Cyl. & Hose, Blades FT 20" Notched & RR 20" Smooth (T6064) Was ~~$2,500~~ NOW $2,150

JD 1640 Disc 12' Cut, Heavy Duty, 11" Spacing (T6141) Was ~~$3,500~~ NOW $2,900

JD 9' Offset Disc, 20" Blades, New Paint, Hyd. Cyl. & Hose (T5847) Was ~~$1,400~~ NOW $1,000

Krause 2440 "Rockflex" Disc, 30' Cut, 9" Ft 10" Rr Spacing, Rockflex, Scrapers (T6170) Was ~~$16,900~~ NOW $14,800

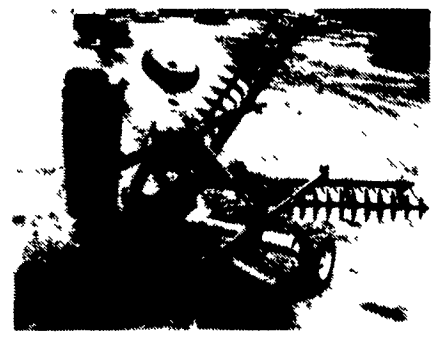
Krause 2426 "Rockflex" Disc, 26' Cut, 18" Blades (T6131) Was ~~$4,900~~ NOW $4,500

Krause 2416 "Rockflex" Disc, 26' Cut, 9" Frt. & 10" Rr Spacing (T6495) Was ~~$15,800~~ NOW $14,500

Krause 2413 "Rockflex" Disc 23' Cut Blades Fr. 20", RR 22" (T5858) Was ~~$9,800~~ NOW $9,500

Krause 1925 "Rockflex" Disc, 21' Cut, 8" Spacing (T6497) $8,500

Krause 1588 "Rockflex" Disc 17.5' Cut Blades, 20" FT, 21" RR, Scrapers, Sealed Bearings (T5934) $5,900



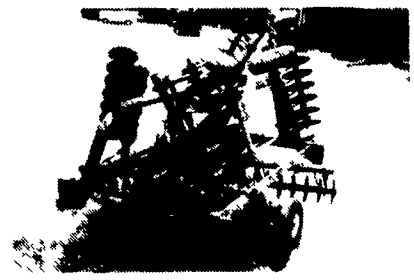
Krause 1577 "Rockflex" Disc, New 22" Blades (T6583)

Krause 1428 "Rockflex" Disc, 25' Cut, 8" Spacing, Rockflex (T6343) Was ~~$4,500~~ NOW $3,300

Krause 1425 "Rockflex" Disc, 25' Cut, 8" Spacing (T4973) Was ~~$6,800~~ NOW $2,900

Miller Disc, 28' Cut, 9.5" Ft 10.5" Rr Spacing, Rockflex, Scrapers (T6160) Was ~~$8,500~~ NOW $6,675

Oliver 253 Disc, 13'6" Cut, 9" Spacing (T4968) Was ~~$1,450~~ NOW $750



JD 235 Disc, 23' Cut 9" Spacing, Double Fold (T4978) $2,900

JD 724 Field Finisher, Like New, 12' Cut, 19 Shanks w/5 Bar Tine, 15" Coulters, 7" Spacing, Walking Tandem (T5882) Was ~~$6,975~~ NOW $5,850

JD 400 Rotary Hoe, 22' Width, Hyd. Wings, Spring Trip (T6038) Was ~~$4,500~~ NOW $3,800
Dunham 28' Packer (T6453) Was ~~$4,900~~ NOW $4,600
Brady Chisel Plow, 14' (T6483) Was ~~$2,800~~ NOW $1,900
Glencoe Chisel Plow, 9 Shank, Coulters In Good Condition (T6587)
JD 2500 Plow, 7x18" Bottoms, Auto Reset, Coulters (T6320) Was ~~$5,500~~ NOW $4,500
IH 710 Plow, Auto-Reset 5-18" Bottom Coulters, Gauge Wheels (T5785) Was ~~$3,750~~ NOW $3,575
IH 165 Rollover Plow, 5F-16" Like New (T5982) Was ~~$5,800~~ NOW $5,200
Case IH Vibra Shank, 12.5' w/Buster Bar & Rear Hitch (T6520) $1,800

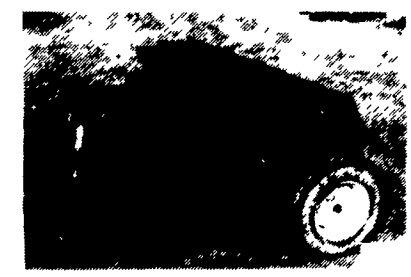
MISCELLANEOUS

Steiger Dozer Blade, 13' Wide, 50" High (W5804)
Jerr-Dan 505 Header Cart (U5593)
FMC 25 RCTC Sprayer w/500 Gallon Tank, 30 GPM Pump (V6177) Was ~~$12,900~~ NOW $9,600
FMC Trailer Sprayer w/8' Boom, 6 HP Kohler Engine, 150 Gallon Tank (V5959) Was ~~$1,250~~ NOW $800
John Bean 400 Gallon Sprayer, Trailer 35 GPM Pump, Dual Agitator, 40' Boom (V6090) $1,500
United 6 Ton Fertilizer Spreader, Tandem Axle w/11Lx15 Tires (V6134) Was ~~$5,900~~ NOW $5,500
Kuker Saddle Tanks, 200 Gal. Each w/Frame & Hoses (V6034)
Zimmerman 260 Gal. Saddle Tanks, Upright (V5845)

USED PLANTERS & DRILLS

Great Plains 12' No-Till Drill, Grass Seed Attach, 17" Coulters (V5376)

Great Plains 14' Drill, No-Till Coulters w/ Double Press Wheels (V5953) $8,200



IH 5100 Drill, 21x7, DD (V4567) Was ~~$2,800~~ NOW $1,900

IH 5100 Drill, 24x6, DD Openers (V6500)

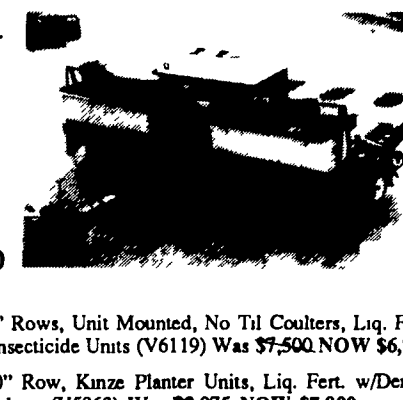
IH 5100 Drill, 20x6 Press Wheels (V6493) Was ~~$4,500~~ NOW $4,200

Krause 5213 Drill, 7½" Spacing, 13" No-Til Coulters w/Cylinders, Hoses, Rubber Press Whls (V6135) Was ~~$7,900~~ NOW $7,500

Haybuster 107 No-Till Drill, 10' Offset DD Openrs (Vermeer) (V6430) Was ~~$6,500~~ NOW $6,000

Black Machine Planter 12 RN w/13R Bean Planter, Very Good Condition (V6062) Was ~~$22,900~~ NOW $18,900

IH 800 Planter 6 Row, 30" Liquid Fert., Insecticide Units, Hyd. Markers (V6220) Was ~~$8,500~~ NOW $6,900



IH 800 Planter 6R Narrow Fert. w/Cross Auger, Insecticide Hoppers (V5035) Was ~~$6,355~~ NOW $3,900

JD 7000 Planter 6-30" Rows, Unit Mounted, No Til Coulters, Liq. Fert w/Yetter Openers, Insecticide Units (V6119) Was ~~$7,500~~ NOW $6,700

NI 9000 Planter 6-30" Row, Kinze Planter Units, Liq. Fert. w/Demco Pump, No-Til Coulters (V5863) Was ~~$8,975~~ NOW $7,900

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case IH

50TH Anniversary/Inventory Reduction

SALE! SALE!

NEW CASE IH EQUIPMENT SPECIALLY PRICED!

HAY/FORAGE EQUIPMENT

5.9% Financing For Up To 48 Mo. AND Waiver Of Finance Until 5/1/92

Case IH (8610) Bale Processor, Processes & Feeds Round Bales, F5382 Was ~~$11,351~~ NOW $9,250
Case IH (8440) Round Baler, Makes Medium/Small Bales, F5381 Was ~~$12,101~~, NOW $8,475
Case IH (8420) Baler, Makes Small Round Bales, F5658 Was ~~$8,546~~ NOW $6,625
Farmco (22') Balewagon, Square Tube Sides, 10' Ton, S5375 Was ~~$2,625~~ NOW $2,150
Farmco (18') Balewagon, Square Tube Sides, 8' Hig, S5236 Was ~~$2,195~~ NOW $1,825
Case IH (8330) Mower-Conditioner, Pull-Type, Stub Guards, F3817 Was ~~$10,603~~ NOW $7,400

PLANTERS/DRILLS

8.9% Financing For Up To 48 Mo. OR Waiver Of Finance To 5/1/92

Case IH (5300-18) Drill, Soybean Special, Depth PR Wheels, 10' Drill, E5688 Was ~~$8,123~~ NOW $7,175
Case IH (5300-24) Drill, Soybean Special, Depth PR Wheels, 12' Drill, E5278 Was ~~$9,263~~ NOW $7,975
Case IH (5300-24) Drill, Soybean Special, Depth PR Wheels, 12' Drill, E5276 Was ~~$9,268~~ NOW $7,975
Case IH (F/5100) Drill/Hitch, Duplex Hitch For (2) 5300, E4659 Was ~~$4,091~~ NOW $3,175
Case IH (900-8RN) Cyclo Planter, 8R, 30", Folding Hitch P 13' Transport, Insecticide, E4970 Was ~~$25,551~~ NOW $20,800

TRACTORS

5.9% Financing For Up To 60 Mo. OR Waiver Of Finance For 6 Mo.

Case IH (2250) Loader, Fits 84, 85 Series Tractor, B4759 Was ~~$3,497~~ NOW $3,000
Case IH (2250) Loader, Fits 84, 85 Series Tractor, B4761 Was ~~$3,497~~ NOW $3,000
Case IH (2255) Loader, Fits 84, 85 MFC, Or Cab Tractor, B4767 Was ~~$4,092~~ NOW $3,300
Case IH (510) Loader, Fits 5130 Or 5140 Maxxums, B5030 Was ~~$5,083~~ NOW $3,950
Case IH (2255) Loader, Fits 84, 85 MFC, Or Cab TR, B4769 Was ~~$3,741~~ NOW $3,300
Case IH (2250) Loader, Fits 84, 85 Series Tractor, B4763 Was ~~$3,497~~ NOW $3,000
Case IH (510) Loader, Fits 5130 Or 5140 Maxxums, B4905 Was ~~$4,853~~ NOW $3,950
Case IH (5130 MFD) Tractor, Maxxum, 87 HP, Cab, Demo, A5546 **Call For Price.**
Case IH (7110-2W) Tractor, Magnum, 140 HP, Demo, A5835 **Call For Price.**

TILLAGE EQUIPMENT

8.9% Financing For Up To 48 Mo. OR Waiver Of Finance To 5/1/92

Case IH (144/265) Cultivator, 1 Row, Fits 265 Tractor, B4329 Was ~~$1,290~~ NOW $650

Case IH (183) Cultivator, 6R, 30", 31 Vibra-Tine SH, D5500 Was ~~$2,904~~ NOW $2,250

OTHER NEW EQUIPMENT SPECIALLY PRICED

KRAUSE TILLAGE

Krause (2889) Slicer Chisel, 12', 9 Shank, Spring Reset Adjustable Slicers, P5471 Was ~~$11,053~~ NOW $8,875

Krause (4517A) Slicer Chisel, 23', 17 Shank, Spring Reset Flat-Fold, Walking Tandems, P5582 Was ~~$22,960~~ NOW $18,700

Krause (2889) Slicer Chisel, 12', 9 Shank, Spring Reset Adjustable Slicers, P5472 Was ~~$11,366~~ NOW $8,875

Krause (2244A) Disc, 13'9" Cut, Rockflex, Field Ready, 9" Spacing, 22" Blades, P5392 Was ~~$8,683~~ NOW $6,500

Krause (2242A) Disc, 13'9" Cut, Rockflex, Field Ready, 9" Spacing, 22" Blades, P5385 Was ~~$8,288~~ NOW $6,500

Krause (4226) Field Cultivator, 26', Flex-Wing, 46 K-Tine Sweeps, 3 Bar Spike Finisher, P5024 Was ~~$13,302~~ NOW $10,800

Krause (4120) Field Cultivator, 26', Flex-Wing, 46 K-Tine Sweeps, 3 Bar Spike Finisher, P4534 Was ~~$11,397~~ NOW $8,800

Krause (3112A) Landsman, 12' Combination Tillage K-Tines, 5-Bar Spike Rear, P2108 Was ~~$8,085~~ NOW $4,900

BRILLION PACKERS

Brillion (19') Packer, 19' X-Fold, Gray-Iron Whe. @ Ductile Price, Duals, R5348 Was ~~$8,057~~ NOW $6,175

Brillion (5') Grass Seeder, 5', 3 Pt. Grass Seeder, R4911 Was ~~$2,405~~ NOW $1,725

RHINO MOWERS

Rhino (SR15) Mower, Bat-Wing Cutter, 15' Cut, PTO, Laminated Wheels, S4478 Was ~~$10,409~~ NOW $8,300

Rhino (SE15) Mower, Bat-Wing Grass Mower, 15' Cut, 540 PTO, Laminated Tires, S5404 Was ~~$9,779~~ NOW $7,800

Rhino (SR15) Mower, Bat-Wing Cutter, 15' Cut, PTO, Laminated Wheels, Hyd. Level Lift, S4628 Was ~~$11,625~~ NOW $9,200

Rhino (SE15) Mower, Bat-Wing Grass Mower, 15' Cut, 540 PTO, Laminated Tires, S5405 Was ~~$9,560~~ NOW $7,800

FMC SPRAYERS

FMC (DM) Sprayer, 300 G Tank, 20 GPM Pump, Eng., Fiberglass Tank, Skid, Q5717 Was ~~$4,838~~ NOW $3,975

MISCELLANEOUS

Krause (5213N) Drill, No-Til, 13' Seeding Width 13' Transport Width N4391 Was ~~$20,127~~ NOW $13,200

Krause (5210N) Drill, No-Til, 10' Seeding Width 10' Transport Width N4369 Was ~~$15,854~~ NOW $10,600

Great Plains (10') Drill, 10' No-Til, End-Wheel, R5432 Was ~~$13,108~~ NOW $10,500

Krause (5213N) Drill, No-Til, 13' Seeding Width 13' Transport Width, N4421 Was ~~$19,541~~ NOW $13,200

Koyker (K6) Loader, Heavy-Duty, Fits All 66, Series IH, Lift Up To 4500 Lb., R2023 Was ~~$5,200~~ NOW $2,500

Case IH (80) Snow Blower, 86" Wide, Hyd. Chute, 540, H4866 Was ~~$2,446~~ NOW $1,875

Case IH (80) Snow Blower, 86" Wide, Hyd. Chute, 540, H4867 Was ~~$2,446~~ NOW $1,875

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Vicon PS402 Fertilizer Spreader, 3 PH, 950 LB. Cap.
NH 316 Baler w/70 thrower, less than 7500 bales
Zimmerman 36' hay & corn elevator, 1½ HP
NH 353 grinder mixer, like new
Fahr 2 star tedder, PTO, 9'
(2) 16' Hay wagons on 10 ton gear, flotation tires, adj. tongue
Pittsburgh, 12' Transport Disk w/cyl.
Brillion 12' Cultipacker, 4" axle
12' Bin Sweep Auger, ¾ HP Motor
Allied 51'6" Transport Auger, PTO Driven
JD 145 4x16" Plows, Side Hill Hitch
Century 300 Gal. Sprayer w/10' Booms, PTO
NI 325 2RN Picker w/8 roll bed, nice, sheller also avail.
MF 165D multi power, w/Dunham Lehr loader, 1700 hrs.
1952 8N Ford w/6' Hyd. Snowplow, 8' Disc, 2x14 Plows 14", Rear blade, 5' Woods mower, chains, 300 Gal. Skid Tank w/hand pump

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Combine Harvester Unit for Uni-System, Good Shape.....$5,000
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(3) Hamachek Combines, TD 12, for Parts or Can be made field Ready (Each $2,000).....$4,000
Large Wood Burning Stove with Blower & Double Stainless Pipe - Used One Season Like New.....$700

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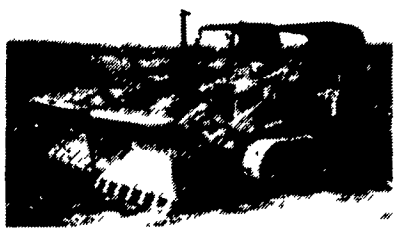
Case 580B Extendahoe $8,700

JD 350 4 In 1 Bucket, Good Condition
$7,800



(2) JD 555 Good Condition
$12,500 & $13,000

Cat 951 B new pins & bushings, new roller shells $11,500
JD 450 Crawler loader, $8,000
1980 JD 555 rebuilt trans $13,000
JD 350 Crawler Loader 4 in 1 Bucket, $7,800
Case 1845 Skid Loader, Good Condition, $7,000
Case 580B extend-a-hoe, nice original machine $8,700
MF 404 wheel loader, $2,200

Ripper For JD 450 Or 555 Crawler Loader, $1,000
Case 580B $7,200
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Brillion 12' 8 cultimulcher, like new Price Reduced $5,000

USED EQUIPMENT

NI 213 manure spreader
IH 963 corn head
Dunham Lehr 12' cultimulcher, nice
Ford model 142, 4 btm. plow w/auto reset
JD 4 btm. rollover plow
Wetmore grinder mixer, 130 bu.
IH 435 baler w/thrower
Woods model C80 rotary mower

Badger 2600 Harvester w/2 row corn head w/2 row snapper head w/5' hay pickup.....$3,500

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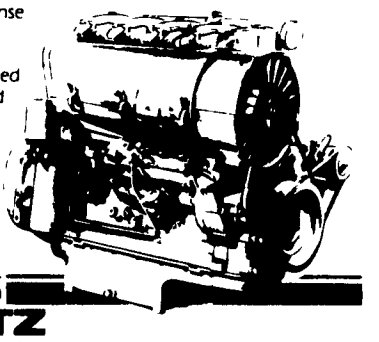

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JD 50
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JD B SOLD
JD LA

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JD 9400 Comb.
JD 4435 Comb.

USED
JD 6620 Side Hill Combine
JD 215 Flex Head
JD 643 C.H.
JD 237 Mtd. Pick w/Shelling Att.
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING
IH 56 4 RW Planter, Dry Fert.
Holland 2R Transplanter
AC 5 Row No-Till Corn Planter (Liquid)
IH 21x7 5100 Single Disc Drill
McCormick Grain Drill 13x7, grass seed box

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Bush Hog 12' Disc Wheel Lift
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JD 1209 Mo-Co
JD 1207 Mo-Co
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NH 451 Sickle Mower 3 Pt.

MISC.
Century 500 Gal. Sprayer, Hydr. Booms, Mech. Agitator
2 R Braco Potato Harvester w/PTO Drive
Dearborn 3 Pt. Circle Saw
NI 213 Manure Spreader

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- 18972 **New Holland** 20SE25 Bale Chute Package For 311 Baler (Tongue, Jack & 2 Tires) $450
- M1061 **Danuser H854 Hyd. Box Scraper** 54", Cat 1, 3 Pt., Hyd. Dump w/Cylinder, Brand New (Retail $1,209) $495
- M1022 **Arps M394 Box Scraper** 54" Cat 1 5 Pt., Brand New, Retail $623 ..... $425
- M0309 **Lehara F-1300 Blade** 6' Front Mt., H.D Fits Ford 1300, 1500, 1700 & 1900 Tractors, Brand New $695
- M1493 **Worksaver D6 Blade** 6' 3 Pt. Cat 1, Reversible (Retail $203 00) Brand New $145
- 22211 **Kubota B-2750 Blade** 42", Front Mount, M.A., Fits B-Series Tractors $195
- 21854 **Kubota G-2000 Blade**, 48", Front Mount, Fits G-200 Series Tractors $150
- 22092 **Kubota G-2000 Blade** 48", Front Mount, M.A., Fits G-200 Series LGTS $175
- 21374 **Sauder Hydraulic Front Blade** $275
- 20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Condition $175
- 20186 **Kubota F-3219 Broom** 60", 50/50 Steel & Poly Bristles, w/pwr Angle Kit (Fits F-Series Kubotas), Good Condition $1,450
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- 20756 **Ford Loader Bucket**, 72", Model 19SM5058, Brand New $550
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- 21840 **CTI Forks** Model #60, 6000 Lb. Capacity, Like New $695
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- 22201 **Woods RM48YM Mower** 48" Finish Cut, Cat 1 3 Pt. Hitch, New Blades, Good Condition $675
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- 22213 **Woods RM48KB Mower** 3 Pt. Hitch, 48" Finish Cut, CCW Rotation PTO $475
- 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5' $390
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- 21974 **Woods RM-48KB Mower** 3 Pt. Hitch Mount, CCW Rotation PTO, 4' Cutting Width $695
- 22146 **Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used $1,500
- 22197 **Woods RM 48YM Mower** 48" Finish Cut, 3 Pt. Hitch, Cat I $675
- 17071 **Kubota L-3571 Mower**, 6', Finish Cut, 3 Pt., New Demo Unit (Retail $1,654) $975
- 20355 **Kubota MR-6000 Mower** 5' Shaftdrven, Mid Mount for B-6100/B-7100 HST Tractors $145
- 20800 **Homemade Row Maker** 3 Pt., Cat. 0 ..... $45
- 21910 **Brillion GLP64-01 Primary Seeder**, 64" $1195
- 22251 **Kubota BL2563 Snowblower** 63", 3 Pt. Cat 1, 540 RPM PTO, Good Condition $995
- 18652 **Bervac B84-S Snowblower**, 84", 3 Pt. Mount, New Demo Unit (Retail $3,102) $1,800
- F140/F141 **Ford 09GN3665 Snowblower**, 36", Fits Ford & Gilson Tractors, Brand New $250
- 21300 **Kubota B-748-A Snowblower** Frt. Mounted To Fit B-6100 & B-7100 ..... $245
- 19210 **Kubota 4 Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage $475
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $295
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $575
- P860 **Ford 09GN3639 Tiller**, 36", Fits Ford & Gilson Tractors, Brand New $250
- 21673 **Kubota B-8706 6-12 Ag Tires** & Rims $115
- 21674 **Kubota B-8755 9.5-16 Ag Tires** & Rims $235
- 21406 **Kubota Pr. 6x12 Frt. Tires** & Wheels $95
- 21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels $200
- 21878 **Kubota B-8777** Tires & Wheels, 31x13.50-15 Turf, Very Good Condition $395
- 21877 **Kubota B-8733** Tires & Wheels, 20.5-8 00-10 Turf, Very Good Condition $105
- 22384 **Kubota L-175 Tractor** 17 HP Diesel, 8x2 Trans, Turf Tires, 540 RPM PTO, 1915 Hrs. w/Woods L59 Mid-Mower $3,275
- 22379 **Kubota B-6100 HSD Tractor** 14 HP Diesel, Hydro, Cat 1, 3 Pt. Hitch, STD PTO, 4 WD, w/4' Mid-Mower, 150 Hrs, Good Condition $5,295
- 22382 **Kubota L-2250DT-7 Tractor** 26 HP Diesel, 4 WD, 210 Hrs., Shuttle Shift, Live 540 RPM PTO, Cat. 1 3 Pt. QT Loader, Very Nice $10,500
- 22360 **Kubota G-190** SOLD **Tractor** 18 HP Diesel, Hydro, Hyd. Lift, 4 Wheel Steering, 54" Mower Deck & Grass Catcher, 166 [illegible] ary Nice $7,450
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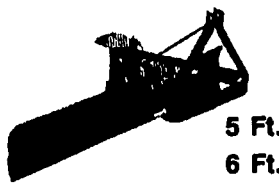
- 22339 **John Deere GX75 Riding Tractor** 9 HP Kawasaki, 30" Mower, Electric Start, 1991 Model, Like New $1,350
- 22227 **Ford 1300 Tractor** 19 HP Diesel, 4 WD, Cat 1, 540 RPM PTO w/Loader & Backhoe Bucket, 820 Hours, Good Cond. ..... ~~$10,680~~ $9,995
- 22158 **Ford 641 Tractor** 35 HP, 4 Cyl, Gas, 4 Spd, Cat 1, 3 Pt, 540 RPM PTO, New Ft. Tires, Runs Good ..... ~~$6,675~~ $3,250
- 22341 **Ford NAA Tractor** 32 HP, 4 Cyl., Gas, 4 Spd, Cat I, 3 Pt, 540 RPM PTO, Good Condition $3,875
- 22095 **Ford 4000 Tractor**, 4 Cyl., Gas, 45 HP, 5 Sp, PS, Rear Wheel Wts., Cat I, 3 Pt. 540 PTO ..... ~~$3,675~~ $3,475
- 22132 **Kubota B-8200 HSD Tractor** 19 HP, 3 Cyl., Diesel, 4 WD, Hydro, Std. 3 Pt. & PTO 800 Hrs. w/5' Kubota Mid Mower, Very Nice Condition ..... ~~$7,695~~ $7,495
- 22198 **Ford 8N Tractor** 23 HP, 4 Cyl. Gas, Cat 1 3 Pt., 540 RPM PTO, w/Woods L59 Mower, Mechanics Special ..... ~~$3,675~~ $2,375
- 22292 **Kubota B-7100 HSD Tractor** 16 HP Diesel, Hydro, 4 WD, Cat 1 3 Pt., 540 RPM w/5' Mower, Good Condition $5,350
- 22290 **Kubota B-7100 HSE Tractor** 16 HP Diesel, Hydro, Cat I 3 Pt, 540 RPM PTO, 1050 Hrs, 4' Mower, Good Condition $4,295
- 22124 **Satoh Beaver Tractor** 15 HP Diesel, 3 Pt. CCW PTO, Rear Wheel Weights w/Loader, 40" Bucket $2,995
- 22345 **Simplicity 738 Lawn Tractor** 8 HP, 36" Mower, 30" Tiller, 42" Blade, 30" Snowblower, 28" Pwr. Thatcher, Good Shape $895
- 22135 **Wheel Horse "Raider 10" Tractor** 10 HP, 6 Spd, w/42" Mower & 30" Snow Thrower, Nice $775
- 22157 **Craftsman YTV16 Lawn Tractor** 16 HP, 44" Mower, Variable Speed, Nice Condition $650
- 22194 22195 **Kubota L-225 F Tractor** 24 HP, 3 Cyl. Diesel, Cat I, 3 Pt. 540 RPM PTO, 900 Hrs., Nice Condition w/Loader $5,980
- 22196 **Kubota B-7200 HSD Tractor** 17 HP, 3 Cyl. Diesel, Hydro, 4WD, Cat I, 3 Pt. 540 RPM PTO w/B1630 Loader, 305 Hours, Good Condition ..... ~~$8,995~~ $8,495
- 21477 **Wheel Horse Commande 8 L&G Tractor**, 8 HP, 36" Mower, Nice Condition ~~$695~~ $595
- 22101 **Simplicity 6218 L&G Tractor** - 18 HP Twin Cyl., Variable Speed, 48" Mower, Nice Condition $1,480
- 22112 **Snapper 12502 Lawn Tractor** 12.5 HP, 33" Mower, Grass Catcher, Very Nice $1,595
- 22117 **Pennsylvania Sabre 5 Riding Tractor** 5 HP, 30" Cut $75
- 21949 **Ford LT8 Lawn Tractor** 8 HP, 38" Mower w/Bagger $495
- 21996 **Ariens Lawn Tractor**, 10 HP, 30" Cut $395
- 21955 **Snapper Comet Lawn Tractor** Rear Engine Model, 26" Mower w/Bagger $350
- 21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts., Very Nice $1,250
- 21973 **Kubota B-6000 E Tractor** 12 HP Diesel, Std., 3 Pt & PTO, w/Woods 348 KB Mid-Mower $2,995
- 21683 **Kubota T-1600 H Lawn Tractor**, 13 HP, Water Cooled Diesel, Hydro w/44" Mower, Very Nice $3,675
- 20848 **Allis Chalmers WC Tractor** Mechanical Lift w/Cultivators, Good Paint, Works Good, A Collector's Item ..... ~~$880~~ $785
- 21783 **Ford LT80 Lawn Tractor** 8 HP w/34" Mower & Snowblower ..... ~~$585~~ $485
- 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $465
- 21669 **Simplicity 5212.5 Lawn Tractor**, 12 HP, Hydro, 42" Mower & Vac Unit, Good Condition ..... ~~$2,150~~ $1,795
- 21885 **Lawn Chief 6-830 Tractor**, 8 HP, 30" Mower $365
- Consign **Lamco E816 Trailer**, 8000 Lb Capacity, 16' Long, 6' Wide, Tandem Axle, Adjustable Ramps, Electric Brakes On Both Axles, Like New $1,575
- 21568 **Homemade 4½ 'x7' Trailer** Single Axle ..... ~~$450~~ $375
- 22348 **Homemade Trailer** 38"x90", Single Axle, 14" Tires, Tailgate, 16" Sides, Spare Tire $375
- 22349 **Homemade Trailer**, 56"x116", Tandem Axle, 15" Tires, Tailgate, 12" Sides, Spare Tire $495
- 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower $335
- 21041 **Peco PEM-110 Vac Unit** 3 HP, Direct Mount w/Hitch & Chute For Kubota G Series ..... ~~$345~~ $295
- 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower $335
- M9743 **Trac Vac 560RH VAC** 5 HP Engine & Blower, Brand New "Build Your Own System" $495

• • At Lancaster Location

SNOW PLOWS
3-POINT GRADER BLADE SALE



Adjustable Blade Angle

5 Ft. - L $120

6 Ft. - L $159

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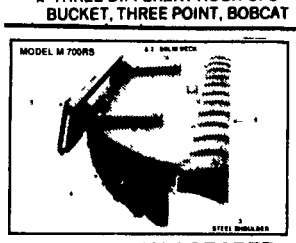
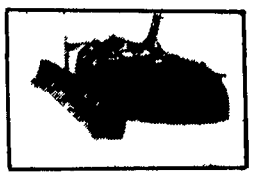


QUICK TACH SCRAPER

1 Easy to get in and out of skid loader
2. Manure does not splash up on skid loader
3. Stronger than rubber tires, steel shoulder to keep it standing up
4 Easily replaceable rubber strips
5 Adaptable to most U S built skid loaders
6 Rubber cross bar for pulling manure out of corners



3 POINT SCRAPER

BUCKET

SALES INQUIRIES:
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Washington Boro, PA 17582
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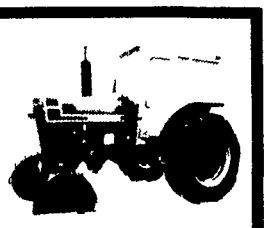
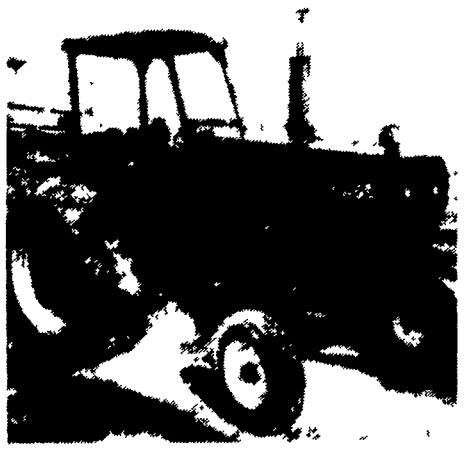
Leaman Tractor Parts



329 Brenneman Rd.
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874
(Turn Left on Brenneman Rd. from 222 S at Refton)

USED TRACTORS

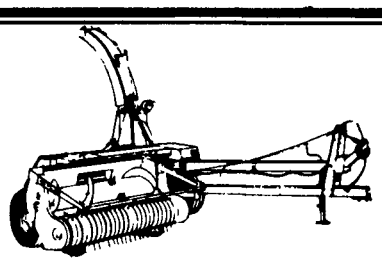
MM G1000 Vista
Farmall Super M, WF, 3 Pt., Live Hydraulics
IH 1066 cab, air, 4200 hrs, bright original tractor
IH 1566 cab, air, 20.8x38 duals, dual PTO, dual valves
Case 830 diesel WF Eagle hitch, good condition
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond.
IH 240 w/3 pt., very nice



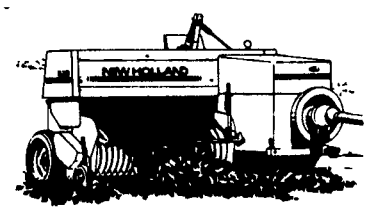
1987 Case IH, 1594, 12 Speed PS, Rops, 18.4x38 Tires, Excellent Condition $11,500

COLLECTORS ITEM
JD 730 Diesel, High Crop, Elec. Start, Good Running Condition

Combines And Heads
JD 13' Rigid grain head
JD 213 grain head
JD 543 Cornhead 5R, 30"
Uni System 717 Combine, 713, 716 G.H.
UNI 744 cornhead



Ford
FORD
NEW HOLLAND

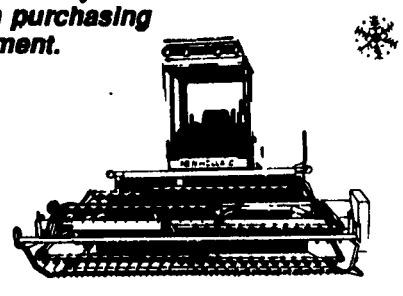


FANTASTIC WINTER INVENTORY CLEARANCE SALE

	List	Cash/ Pick Up
NH 565 Baler, Engine, Steel Whls., Hitch & Chute	$12,821	$ 9,100
NH 565 3 Jt. PTO Hitch & Chute	$11,500	$ 7,950
NH 570 Baler, Big Tires, #72 Thrower	$17,326	$11,750
NH 575 Baler	$15,294	$11,995
NH 451 Mower	$ 3,591	$ 2,595
NH 452 Disc Mower	$ 5,260	$ 3,825
NH 456 Mower	$ 3,970	$ 2,895
NH 492 Haybine	$12,880	$ 8,495
NH 790 Harvester	$15,628	$10,995
NH 28 Blower	$ 4,338	$ 3,150
NH 40 Blower	$ 4,904	$ 3,570
NH 680 Spreader, 1100 Tires	$ 7,328	$ 4,995

We have a large inventory for you to survey when purchasing your new equipment.

Free Financing Hay & Forage Equipment til 5/1/92
-or
Finance Rates: 0% - 18 Months-
Grinders, Spreaders & Hay Equip.
or
Check with us for Big Cash Rebate Amounts



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Ford Credit

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BEST BUYS IN USED TRACTORS

- Ford 9N
- Ford 8N
- Ford Jubilee w/Freeman Loader
- Ford Super Dexta, Excellent Cond.
- Ford 660 w/Loader
- #1933. Ford 2000
- #1934. Ford 2000
- Ford 2600, Gas w/PS
- Ford 4000 Diesel
- Ford 5000 Row Crop
- Ford 4610 w/New Ldr.
- Ford 5610, w/DP, 2,000 Hrs.
- Ford TW10, Cab & Air
- Ford TW15, 4WD w/Cab & Air, 1,700 Hrs., 20.8 Radials, 14.9x28 Radials, New
- Ford 555B, TLB, 1,200 Hrs.
- Ford TW25, 4WD
- JD 60
- JD 3020 Power Shift
- Farmall F12
- MM Waterloo
- Mitsubishi 160, 16 H.P. w/Loader
- Long 510, 4WD w/Shuttle w/Ldr., 100 Hrs., $12,500
- IH 574 w/Loader 1 Yr. Old
- MF 20 Industrial w/ Loader
- Super 88 Gas w/ Hydraulics
- HG Oliver Crawler
- White 549 6-18 Plow
- New 6 Row White Cultivator
- NH 791 Manure Spreader
- NH 1495 Self-Propelled Haybine w/2 Year Old Head
- NH 209 Haybine
- NH 411 Discbine
- NH 489 Haybine, Good Cond.
- NI 512 12' Swing Tongue Haybine
- (2) NH 276 Baler w/Thrower
- NH 455 Skid Ldr.
- (2) NH 775 Skid Ldr. w/Deutz Engines
- JD 3950 Forage Harvester w/Metalert, 2 Row Narrow Corn Head, 5 Ft. Hay Head
- NH 818 Forage Harvester w/2 Row Wide Head, 5 Ft. Hay Head

Hours: 8:30-5:00 Mon. Thru Fri.
8:30-12:00 Saturday

TRACTORS

Oliver 1850 diesel, w/3 speed, good condition & rubber
MF Super 90 gas $2,200
MF 1080 diesel
MF 180 diesel $3,700
MF 180 diesel, good condition
MF 35 gas tractor

EQUIPMENT

JD 8200 grain drill, 14x7, nice
Bush Hog 7 tooth chisel plow, high clearance
MF 880 5x16 spring reset plow
14' JD cultipacker, late model
9' Brillion cultipacker
12' Brillion packer w/wheels
12' Dunham packer
Fox forage wagon 16' w/tandem axle gear
Gravity bin wagon and Large gravity bin
IH 14' 3 pth cultivator
Used Brillion cultipacker parts

MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 150, 165, 175, 178, 180, 1080, 1100, 1130, 1135, 1150 w/cab

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No Out-Of-State Personal Checks

TRACTORS

Farmall 460 Diesel, WF, Fast Hitch, Flat Top Fenders, New Rubber
AC XT190 Series III diesel, Motor Rebuilt, Nice
Farmall 400 Diesel w/Belt Pulley

MISC.

NI 212 3 Beater Manure Spreader
NH 354 Grinder Mixer $2,450
NH 850 Round Baler, Nice
JD 400 Grinder Mixer $1,750
1969 IH 1600 Loadstar Cattle Truck, 14' Body $1,475

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- Kubota L2550, 4WD, Excellent Condition
- Kubota M8950, Excellent Condition
- Kubota B6200, 4WD, Hydrostatic
- David Brown 1212
- Case 1490

SKID LOADERS & UTILITY

- Case 580 Loader/Backhoe Coming In!
- Case 580B Loader/Backhoe
- Case 580D, ROPS w/Extendahoe
- Case 580C Loader/Backhoe w/ROPS
- Case 580C, Cab & Standard Hoe (1 In Stock)
- Case 580K, 4WD, Loader/Backhoe
- Case 1530 Uniloader
- Case 1740 Uniloader
- Case 1845 Uniloader
- Gehl 2500 Skid Loader
- Gehl 4610 Skid Loader
- Case 480E Loader/Backhoe w/14' Hoe
- Cat D-3 Dozer
- Tagalong 8½-Ton Trailer

PLANTERS

- White 5100 Air Planter, 6-Row Granular
- White 5400 4-Row Planter

FORAGE

- Assortment of Gehl 99 Forage Blowers
- NH 27 Blower

MOWER CONDITIONERS

- Hesston 1010
- Hesston 1090
- Hesston 1091
- Hesston 1095- Ex. Cond.
- (2) Case 555 Mower Conditioners
- Case 650 Self Propelled
- IH 1190 Mower Conditioner
- NH 1495 Self Propelled
- Gehl 880
- JD 830 Self Propelled

MISCELLANEOUS

- Hawk Bilt 2195 Spreader
- JD 10 Ft. Disk Harrow

Limited Supply...
Notched Front NF 24"x5/16 Disk Blades For Miller!

LAWN & GARDEN

- Sears Custom 7 w/Mower & Blade
- Case 220 Garden Tractor w/Mower & Snow Blade
- Woods RM48 Mower
- Gravely 812 w/Mower And Cultivators
- Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
- Satoh S650 G w/Turf Tires
- MTD 18-42
- Bush Hog 5 Ft. Flail Mower

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

TRADE 'N SAVE ON TAXES

- JD 4760 MFWD, Cab, 175 HP
- JD 3255 4-Post, 100 HP
- JD 4455 MFWD, Cab, 140 HP

ABC GROFF

THE NAME YOU CAN TRUST

HURRY! THIS DEAL WON'T LAST!

- JD 4255 MFWD, Cab, Powershift, 120 HP, Demo.

$54,900 PLUS Waiver Until April 1, 1992

Also In Stock:

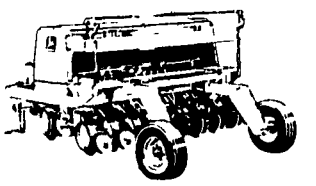
- JD 2955 2WD, Cab, 85 HP
- JD 2755 2WD, Open, 75 HP
- JD 2755 MFWD, 75 HP, With Sound Gard Body - **$32,900**

SUPER SEEDER

From the toughest no-till to the easiest full-till conditions, versatile 750 Drills perform under pressure

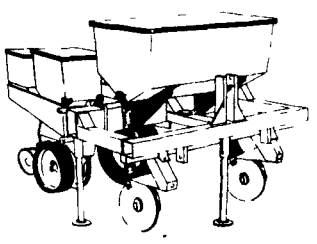
Whether you choose conventional- minimum- or no-till systems, you need a drill that can deliver consistent seed depth as well as excellent seed-to-soil contact for maximum germination. You need a tough John Deere 750 Drill.

The 750 Drills handle the toughest sod and residue with down-pressure of up to 450 pounds per opener. Each 18-inch single disk is mounted on a 7-degree angle to make a furrow. Plus openers are mounted on two separate ranks 4 feet apart with a full 2 feet of ground clearance to give residue plenty of room.



- JD 750 No-Till Drill, 10', 16x7.5 With Regular Hitch And Grass Seed Attachment **$16,900** PLUS WAIVER UNTIL APRIL 1, 1992

TWO ROW MAX EMERGE II PLANTERS
3-Point Mounted Or Trailer
For Best Deal For '92 Season -



3 Point 2 row planter shown

ORDER NOW! No Interest Or Payments Until April 1, '92 With Approved Credit

- Max Emerge Planting Accuracy In No-Till, Minimum Till Or Conventional Till.
- Plant "In Furrow" And Under Plastic With Optional Furrower Attachments
- Infinate Row Spacings From 15"-40"
- All Units Built To Your Needs And Specifications With John Deere Components

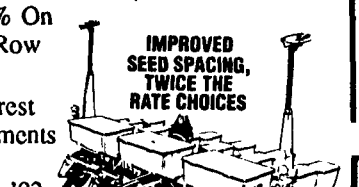
ATTENTION: SWEET CORN GROWERS- ORDER NOW FOR SPRING!

SAVE BIG and then some

John Deere has made us a deal that will save you a bunch. Big savings on John Deere Max-Emerge® planters are available to you right now. Come in and save big and then save more by waiving finance charges good-bye on new and used planters till the 1992 use season.

ORDER NOW BEFORE DEC. 31!

- Save 5% On 4 & 6 Row Planters
- No Interest No Payments Until April 1, '92

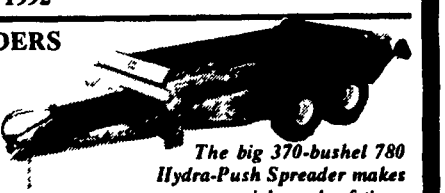


HYDRA-PUSH AND CONVEYOR SPREADERS

Great Selection - Great Spreaders - Great Deals!

ASK ABOUT LOW APR FINANCING & WAIVER PROGRAMS

- Model 350, 180 Bu. Conveyor Spreader— **$3,850**
- Model 550, 286 Bu. Tandem Conveyor Spreader— **$5,950**
- Model 780, 370 Bu. Hydra-Push With Endgate & Used Tires— **$9,700**



The big 370-bushel 780 Hydra-Push Spreader makes quick work of time-consuming cleanup jobs.

IF YOU WANT HEAVY DUTY...
WE'VE GOT IT!

- Model 1508, 15' Wing Fold With Many Options - **$9,390**
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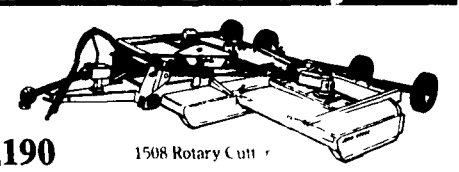

1508 Rotary Cutter

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(717) 354-4191
Monday Thru Friday 7-5.00
Saturday 7-Noon

BARGAIN HUNTER VALUES - *Many To Choose From!*

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- FD 5610, 62 HP, 1200 Hrs.
- FD 4600, 52 HP
- FD 3600
- FD 3000
- FD 4000
- FD 600
- FD 1720 w/Loader, 27 HP
- FD 555 Ind. Loader
- JD 2630, 70 HP
- JD 855 w/Loader
- MF 275 w/Loader, 65 HP
- MF 1035, 31 HP
- AC 175 Diesel
- Farmall 460
- Farmall 400
- Farmall 350 w/Loader
- Leyland 262, Synchro w/Loader, 60 HP

SPREADERS/ MATERIAL HANDLING

- NH 518
- NH 520
- NH 791
- NI 218

SKID STEER LOADERS

- NHL-785
- NHL-781
- NHL-775
- NHL-555
- NHL-553
- JD 375

ATTACHMENTS

- Bradco 11HD Backhoe
- D-130 Backhoe

LOADERS

- JD 175
- JD 260
- FD 772

TILLAGE & MISCELLANEOUS

- Brillion 5 Shank Chisel Plow
- IH 3 Bottom Plow
- 950 Roller Harrow
- York Rakes

GOOD SELECTION OF USED SKID STEER LOADERS
• NEW HOLLAND • CASE
• DEERE

★ COLLECTOR'S SPECIALS ★

- JD 730
- JD Model L

SPECIAL ITEMS OF THE WEEK

★ MF 383, 60 HP
★ FD 2910, 36 HP, Less Than 40 Hrs.

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1 FARM EQUIPMENT

(2) IH Hydro 70.$8,900 and $10,500
(2) IH 1066.....$11,500
1086 Cab & Air, 2500 Hrs.....$17,500
IH 986 Cab & Air.....$14,900
IH 504 .....$3,200
JD 350 Dozer w/6-way Blade.$10,500
IH 666 Gear Driven $8,500
Case IH 2250 Loader.....$2,950
Roll Bar & Roof for IH 684.....$600
(2) IH 544 Hydro,
one w/ldr. $6,900/each
IH 806 Set-up for Pulling $2,900

Financing Available
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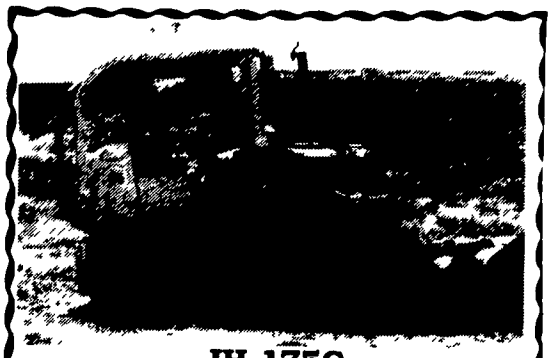
JEFF SHOWAKER
Exit 11, Rt. 81
Clean off-the-farm, field tested tractors



IH 175C
Excellent UC, 4 In 1
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$9,500
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A Good Winter Puller

IH 3688 With Turbo Charge, 145 HP, 84 Model, 2700 Hrs. $25,000
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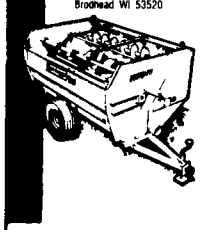
OR GET A REEL AUGGIE

The Knight Series 2000 Reel Auggie. The first practical TMR mixer.

- Designed and built to blend long stem dry hay in a TMR ration
- Patented reel design reduces dead spots and compaction
- Mixes faster with less force and pressure for longer machine life and a more palatable ration
- Available in tow truck and stationary models
- Mixing capacities from 105 to 390 cubic feet

See all the Reel advantages at this Knight dealer

KNIGHT Manufacturing Corp
Brodhead WI 53520



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Silage Covers
40x100x6 mil white tri-layer $130
50x100x6 mil White tri-layer $150
32x100x6 mil. black, $70
40x100x6 mil. black, $90

Sunfilm Stretch Wrap
20"x6000'x1 mil. white
1-5, $73/roll 5-10, $72/roll
11-20 $71/roll 21 Up $70/roll

Special Repair Tape
Black or White
3"x105', $7/roll 3"x175', $12/roll

Quantity Discounts
Authorized Dealer For
Silawrap Machines
(high moisture round bale wrapper)

End Of Season Discounts
A New Wrapper $9,250
Demonstrator $8,450
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Welger Round Baler
★★★★★ Martin's Custom ★★★★★
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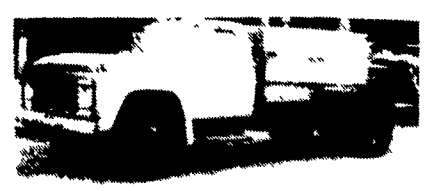
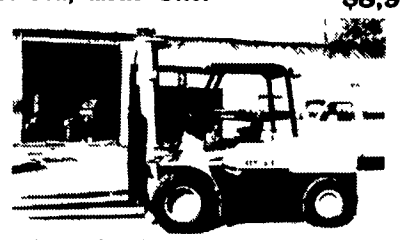
FORKLIFTS

Vermeer Tow-behind Forklift, 6' Forks, Good For Round Bales $900
Must Sell, Make Offer

20,000 Lbs. Tow Motor, Detroit Diesel
$8,900



Mobile Air Compressor, 250 CFM, Detroit Diesel, Mounted On Ford Truck, Very Good Condition.
$2,500



8,000 lbs. Hyster, 1984, gas, see thru mast w/side shift, 2700 hrs., excel. cond. $13,500

3,000 Lb. Hyster Pneumatic, LPG, S/S, Excellent Condition
$6,750

3,000 Lb. Electric Stand Up, 3 Stage, S/S, 1984 With Under 1,000 Hours, Like New Cond., With Charger..... $5,000
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6,000 Lb. Hyster Pneumatic, LPG, Side Shift, Very Good Condition..... $4,750
4,000 Lb. Cat Pneumatic, Side Shift, Smokes, Needs Little Work..... $1,800
12,000 Lb. Tow Motor, Dual Pneumatic, Detroit Diesel, Side Shift, Runs Good Very Good Condition..... $4,500
Forks 25,000 Lb. Cap. $750/Pair
3,000 Lb. Electric Walk Behind..... $2,500
3,000-6,000 Lb. Cap, Electric Sit Down Rider Trucks
6,000 Lb. Clark Dual Pneumatic, LPG, 3-Stage Mast, New Tires, Good Condition $6,000
15,000 Lb. Taylor Dual Pneumatic, LPG, Very Good Condition..... $8,500
5,000 Lb. Cat, 1981 Pneumatic LPG, Excel. Cond. $6,800
5,000 Lb. Hyster Pneumatic, Gas, Good Condition..... $3,650
4,000 Lb. AC, Pneumatic, Gas New Tires..... $2,500

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At This Time
Mechanic Specials $500 to $1500

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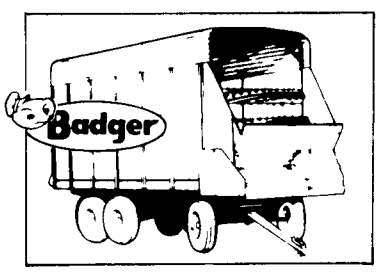
When service is done in our shop. Payment due at time of repair.

SAVE ON DEUTZ ALLIS DISC HARROWS AND FIELD CULTIVATORS



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- John Deere 1050 4WD Tractor w/Loader and Post Hole Digger..... $9,900
- Farmall H Tractor
- New Holland 320 Baler w/Thrower
- New Holland 791 Manure Spreader

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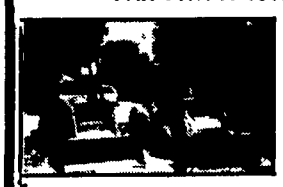
Douglas EQUIPMENT & SUPPLY CO.

717/741-2626 717/741-1797

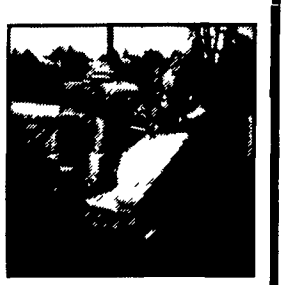
THINK SNOW



Ford 335 Loader, 3 pt, PTO, ROPS, one owner, excellent cond., diesel
$8,800
MF 40B, 3 Pt, PTO, Diesel, Twin Sickle Bars

Austin Western, Diesel, AWD, AWS, w/Front Snow Plow
$3,750

Case 580D, Full Cab & Heater, Very Good Cond., 2300 Hrs.
Case 580C $10,500



Bros. Snow Blower, V4 Wisconsin, Excellent Condition

Bomag BW120 AD, double drum drive, vibratory, excellent cond.

Huber F1700, PS, GM diesel,
$9,500

Athey 7-12D Force Feed Loader, JD Diesel Turbo, Hydrostatic, Good Cond.
Gallon 10-14T tandem, hydrostatic $3,850

Ready To Plow Snow
IH 2444 Tractor, Gas, Power Steering w/Front Plow, Power Angle, 3 Pt., Sno-Line V4 Wisconsin, 4 Spd, Good Cond.

Schramm Pneuma Tractor 12
$3,250

Just In Time!
Gledhill Vacuum Leaf Loader, 4 Cyl., Cont. Gas, Ready To Go To Work, Call For Price

Just In (1) Swenson Salt Spreader, 9', Screens, Gas Driven Hyd., Excellent Cond.

New Custom Trailers, 3 Ton Thru 20 Ton, Call For Prices

Mayco Grout Pump, Call For Price

Huber Maintainers
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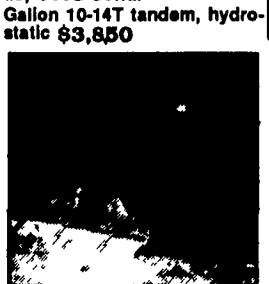
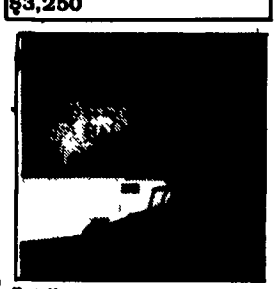
(1) M-600 , Ford Gas, Front Blade, Wide Tires, w/ROPS.
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(1) M-500, Cont. Gas, Front Blade, Wide Tires.
(2) M-52's, Cont. Gas, (1) w/ Cab.
(2) M-500's Cont. Gas, good cond.
Call For Prices



Spreaders & Plows, Large Selection In Stock 9 Ft. Bin Type Hyd. Spreader, $1,250. Snow Plows- 10 Ft., 11 Ft., 1 Ways, 2 Ways, Starting at $300



Pettibone B-66, GM Diesel, Heavy U/C, Very Good Cond.

Case W-20B Cab & Heater
$16,500

Pettibone Super 6 33' Lift, 6000 Lb. Cap, 4WD, 4WS, (1) w/6 Cyl. Gas, (1) w/GM Diesel
(1) Pettibone Super 8 Carry Lift, GM Diesel, P/S, 4 WD, 4 WS, Fork & Top Clamp

250 Tennan 2 cyl. Cont. Water Cooled $4,500
360 Tennant, hi dump, Ford Gas, $5,500
Wayne 973 Street Sweeper $3,850
(2) 240 Tennants 2 Cyl. Kohler $3,500 ea.

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Ford 1720, 2WD
Ford 1920, 4WD
Ford 7610, Cab & Air, 4WD
Ford 7810, 4WD
Ford 555C, TLB, 4WD w/Extend-a-hoe
Ford 451 Sickle Mower

FORD LAWN & GARDEN

LT10 w/38" Deck
LT12 w/38" Deck
YT18 w/48" Deck
LGT14D w/48" Deck

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(3) NH 785 Skid Ldr.
NH 499 Haybine
NH 570 Baler w/Thrower
NH 630 Baler
NH 853 Baler
NH 848 Round Baler w/Net Wrap
NH 790 Hay Head
NH 254 Tedder Rake
NH 790 Chopper
NH 28 Forage Blower
NH 818 Forage Box
NH 814 Running Gear
NH 520 Manure Spdr.
NH 680 Manure Spdr.
NH 791 Manure Spdr.
NH 185 Manure Spdr.
NH 195 Manure Spdr.

END OF SEASON CASH BUYS

NH 40 Blower $3,150.00
NH 144 Windrow Inverter $2,900.00
Ford LT10 w/38" Deck $1,559.00
Ford LT12 w/38" Deck $1,699.00

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Excellent Ford Tractors

8700, cab, air, DP, weights, radial tires, 2,500 hrs.
7610 II, 4WD, syncro w/DP, triple remotes, weights, radial tires, 105 hrs., factory warranty
5610, DP, 18.4x30, 1,218 hrs., 1 owner
7600, DP, du SOLD weights, 2,700 hrs.
5000, dsl., dual power, 540 & 1000, 1973 model
4610 II, 4WD, syncro trans., dual pumps, dual hydraulics w/ SOLD QT loader, 750 hrs., 1 owner
4610, syncro trans., dual hyd., 1,100 hrs.
4610, 8 spd., 13.6x38, 2,300 hrs., 1 owner
4600, dsl., 8 speed, 16.9x30, 2900 hrs., 1 owner
4600 SU, dsl., 8 spd., 14.9x28, power adjust
4000, dsl., 8 spd., 1968 model w/Dunham loader
Coming In... 3600 diesel, 2,500 hrs.
JD 2550, 4WD w/loader

Equipment

Bush Hog 2400 QT loader w/valve, bucket & forks, Ford mounting brackets
Dunham loader w/valve & bucket, brackets for 2000 or 3000 & 4000 SU
NH 144 windrow inverter
Royal Guardian cab SOLD fits Ford 5000 thru 7610

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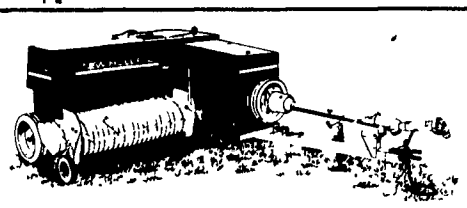
WINTER BUYERS DIVIDENDS NOW IN EFFECT

We must move this new equipment! Now is the time to save!!



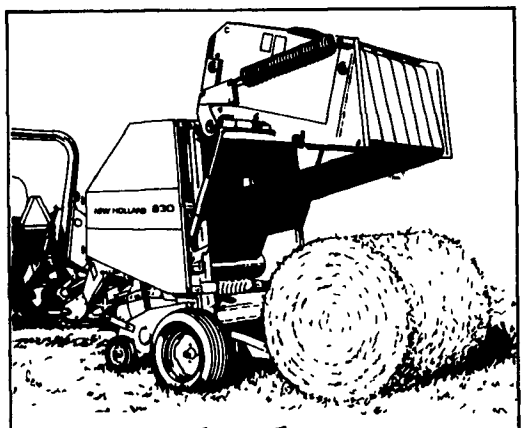
Best-in-class performance, capacity

The "570" New Holland square baler from Ford New Holland brings together performance and reliability, along with improved capacity

- **New rotary feeding system.** Adds consistency and bale quality, with simpler maintenance requirements
- **Faster plunger stroke.** 93 SPM A Cat six driveline and increased slip clutch setting add capacity
- **Wider Super-Sweep pickup.** Five percent wider than its predecessor's
- **Stronger materials.** In the bale case and plunger
- **Gear-driven tying mechanisms.** Choose wire or twine

Come in today Ask for a demonstration of the New Holland "570' baler the best-in-class square baler

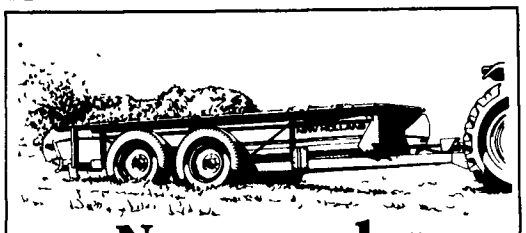
WINTER BUYERS DIVIDEND - **$975**



Make dense, small bales

The Model 630 roll belt round baler works quietly with little maintenance to give you dense, high-quality bales It makes bales four feet wide by four feet in diameter, weighing 650 pounds Capacity ranges up to 10 tons per hour And best of all, superior design and tough construction mean the "630" is durable and ready to work when you are Stop in for a demonstration today

WINTER BUYERS DIVIDEND - **$800**



No spreader built better

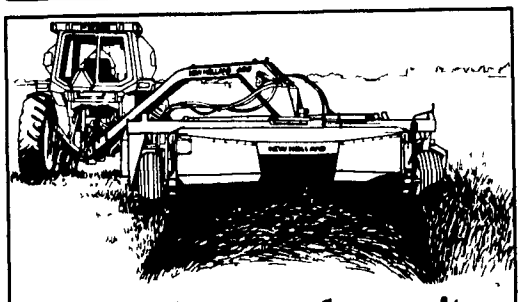
The New Holland Model 680 is built to last

- Strong, corrosion-resistant steel sides
- Fiberglass floor
- Lifetime Bonded Protection warranty

This 287-bushel spreader features oscillating tandem wheels that allow faster ground speeds with less ground compaction Get fast, smooth unloading at two spreading rates with the standard worm gear drive No spreader is built better

Stop in and see why this is the best selling spreader in its class

EXTRA CASH DISCOUNTS AVAILABLE!



Convenience and capacity

The Model 499 Haybine® mower-conditioner offers the best in 12-foot cutting and conditioning

- Pivot-tongue convenience
- Patented Rolareel header—no auger needed
- Fast, clean cutting and less wear from dual sickles
- Chevron-design intermeshing rubber rolls for thorough, plug-free conditioning

WINTER BUYERS DIVIDEND-**$2,200**

ALSO: NH 144 Windrow Inverter • NH 790 Harvester • NH 306 Spreader

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Lawn & Garden

Ford FORD NEW HOLLAND

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JD 4630, cab & air
JD 4440, cab, air, power shift
JD 4440, quad range, cab & air
JD 4240 SOLD 4 post
JD 4230, cab & air, quad range
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4430
JD 4320
JD 4040, cab & air, quad range
JD 4030, 4 post
JD 4020 diesel
JD 4010 diesel
JD 2840
JD 2640, 1982
JD 2555, cab & air
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 3020 diesel
JD 1450 w/950 hrs.
JD 850 w/mower

IH 5088, cab & air
IH 3688 w/cab & air
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966
IH 826 diesel, 3,500 hrs.
IH 806 diesel
IH 706 German diesel
IH 584, 4WD w/loader
IH 574 diesel
IH 684
IH 886, 4 post
IH 350 utility, 3,500 hrs.
Ford 2000
Ford 5000, diesel
Ford 5610 SOLD air, 750 hrs.
Ford 6600, gas
MF 2745, cab & air, 1,400 hrs.
MF 690, cab & air, MFWD
AC 5040, diesel
AC 185, diesel

New Ford 5610

INDUSTRIAL

NH 779 skid steer
Gehl 4510 skid steer
JD 310 TLB w/cab, excellent
Ford 1970 SOLD A-62 articulating loader
Ford 455 loader w/3 pt. hitch & PTO
Ford 3400 loader
Case W14 articulating loader

NEW Case 1845C skid steer loader

USED PLOWS

White 6 btm. 16" spring reset plow
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 720 4 btm. toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 215 flex head
JD 4400 diesel, 2,200 hrs., excellent

HAY EQUIPMENT

NH 478 haybine
NH 489 haybine, like new
JD 346 wire baler
JD 337 baler w/thrower, like new
NH 315 w/kicker, like new

MISCELLANEOUS

Fox Super D harvester
NI 2 row wide, 12 roll bed
JD 3RW harvester head, like new
IH 5100 grain drill
IH 22' flex head, like new
Kewanee hyd. fold 20' roller harrow, like new
18.4x38 Hub duals for Case IH 2096
IH 2350 quick-tach loader
Taylorway 25' disc
JD 110 disc
JD 115 disc
JD 310 disc
Kewanee 12' mulcher
JD 12' mulcher

NEW NI 3626 spreader w/ tailgate

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1 FARM EQUIPMENT

1978 JD 8630
4076 Hrs.,
3 PH, PTO,
18.4-38 Radials
75%, Excellent
$27,000
1991 JD 610
Chisel 25 Ft.
Flex Fold,
Single Pt. Depth,
Tandem Wheels,
Only Plowed
250 Acres,
New Cond.
$10,000
Krause 2416 Disc,
26 ft. cut
$4,000
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J & L hay-saver feeds 20 cattle.

New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. It proves to save hay. This feeder is built of heavy 1¼ " pipe and ¼ " steel for ring. Available with ¼ " steel or treated ¾ " plywood floors. This 1,200 lb. feeder is built to last.

Call for more information.
J & L Equipment
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WHITE

NEW TRACTORS

125 2WD
(2) 80 2WD fender
80 2WD w/Cab

PLANTERS

1 - NEW WFE 6100 4R corn planter
1 Used White 5100 4R Corn planter, liquid

USED TRACTORS

AC 6080, nice
Oliver 1600 diesel
White 31 4WD w/loader, excel. shape
JD 3020 power shift, gas
WFE 80 4WD, 252 hrs.
Oliver 66, nice

TILLAGE

New White 273 23' Disc
New White 445 Disc Chisel
New WFE 273 18' disc
New WFE 508 4x18 semi-mount plow
New WFE 6342 3 btm. roll-over plow
New Kewanee 1175 disc, 18' SPECIAL PRICE
Used White 273 18' disc 1 year old
1 Used Brady field cultivator w/rake, 13'
Used White 435 10' disc chisel SOLD ellent, like new
Used Oliver 3x16 Trailer plow
Used Oliver 252 disc

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New Hay Tedders
New Bale Wagons

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1977 Ford 250, ¾ ton P/Up truck $795
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New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
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(1) 12' 3 Pt. Power Rotary Hoe

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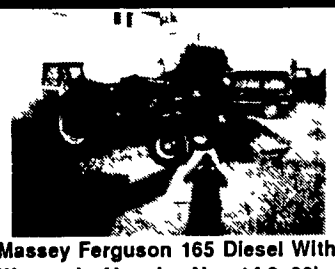
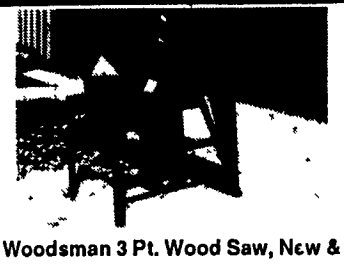
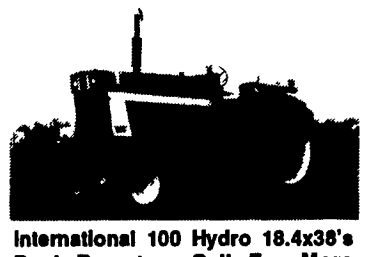
WOODS



Massey Ferguson 165 Diesel With Westendorf Loader, New 14.9x28's, Very Clean.



Woodsman 3 Pt. Wood Saw, New & Used.



International 100 Hydro 18.4x38's Dual Remotes. Call For More Information.

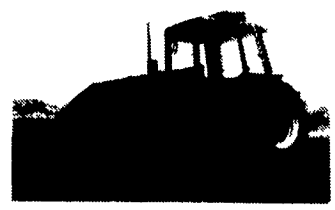
Massey Ferguson 65 Gas With Kelley Loader, 1 Remote, 12.4x38's.

Massey Ferguson 20C Gas With Loader, Cab, 3 Pt.

John Deere 850-1985, 4WD 75 Loader, Canopy, Power Steering. Get Ready For Snow!

International 1000 Loader, Fits Farmall Cub, Super A, 140.

International 530 Manure Spreader 148 Cubic Feet Capacity.



1984 International 884 MFWD 2250 Mount-O-Matic Loader Cab/Air, Nice Clean Tractor.
Price $17,500

Allis Chalmers 180 Gas With Loader, Very Good 16.9x28's Dual Remotes, Rear Weights. Checks Out Good.

FARM TRACTORS

Case 4490- 1982, Cab, 4WD, 3 Pt., PTO
IH 884 Cab/Air, MFWD, 2250 Loader
IH 1086- 1980 Cab/Air, 18.4x38's
IH 1086 1977 Cab/Air
White 4-150- 1975, 4WD, Cab, 3 Pt., PTO
IH 986- 1976 Cab/Air, 18.4x38's
Same 185 4WD, Cab
AC 7040- 1977, Cab, 20.8x38's
White 2-105- 1976, Dual Remotes
Ford 6610- 1982, New 18.4x30's
Ford 5600- MFWD
IH 100 Hydro, 18.4x38's
JD 850- 4WD, #75 Loader
IH 826 Cab, 16.9x34's, Fast Hitch
Ford 6600 Hi-Crop, 15.5x38's
Ford 1510 Diesel, 4WD, 3 Pt., PTO
Yanmar 155D w/3 Pt. Tools
Oliver 1855, 18.4x34's, Dual Remotes
AC 180 w/Loader
MF 20C, Gas, Loader
JD 420- 2 Cylinder, Wide Front
MF 65 Gas w/Loader
MM Jet Star 2 w/Ldr.
IH 560 Diesel Standard, Belt Pulley
Farmall Super C w/Cultivators
Farmall A w/Cultivators
IH Cub Lo-Boy w/Belly Mower
JD- B, Narrow Front
AC-G w/Cultivators And Cornplanter
Ford 541 Gas, Offset
(4) Case 930 Standard

TILLAGE

JD 2500 6x18" ASR 5X Base Plow
MF 880 6x18" ASR Plow
(2) IH 720- 5x20 ASR Plow
White 588 5x18" ASR Plow
IH 700 5x16 ASR Plow
White 548 4x16 ASR Plow
MF 4x16" ASR Plow
IH 642 4x16" Rollover Plow 3X- Base
JD 5x16 Trip Plow
JD 3x16 Semi Mount
IH 710 3x16 Trip Plow- Semi Mount
JD 3x16" 3 Pt. Plow
MF 3x16 3 Pt. Plow
Ford 3x12 3 Pt. Plow
IH 3X Fast Hitch Plow
Oliver 2X Rollover Plow
Ford, IH 2X Plows
Cub 1X Plow
IH 8' Offset Disc
JD 8' Offset Disc
JD 9 Offset Disc
Bush Hog 8' Offset Disc
Wilbeck 11' Offset Disc
Miller 12' Offset Disc
MF 12' Offset Disc
(2) White 271- 18' Wing Fold Rock Flex Disc
Rhino F-90- 20' Wing Fold Rock Flex
Kewanee 12' Rock Flex Disc
IH 500 Cutting Disc- 12'
Oliver 12' Disc
Oliver 10' Disc
MF 8'- 3 Pt. Disc
IH 5'- 1 Pt. FH Disc
IH 55- 13' Chisel Plow Pull Type
Brillion 10' Or 12' Chisel Plow- Pull
JD 1600- 10' Chisel Plow Pull Type
Brillion 7' 3 Pt. Chisel Plow
JD- RM 4x36 Cultivator
(3) JD- RM 6 S-Tine Cultivator
Super A Cultivators
Cub Cultivators
AC D15 Front Mt. Cult.
JD 530 Front Mt. Cult.
JD MT Front Mt. Cult.
IH 560 Front Mt. Cult.
White 285- 16' Field Cult. Pull Type
IH 15' Field Cult.- Pull Type
JD 4 Sec. Rotary Hoe
Dunham 16' Cultipacker
Brillion 14' Cultipacker w/Transport
Bearcat 14' Cultipacker w/Transport
Brillion 10' Cultimulcher
JD 930- 3 Pt. 12' Cultimulcher
IH 315- 12' Cultimulcher
Brillion 12'8" Cultimulcher
Dunham 13' Cultimulcher
Brillion 13'6" Cultimulcher
IH 315- 14' Cultimulcher
Brillion 15' Cultimulcher
Lindsay 7x20 V-Ripper

MISC. EQUIPMENT

Brillion 8' Packer Seeder
AgTech 686 Preseeder
(2) Brillion 6' Packer Seeder- 3 Pt.
Manure Forks And Loader Buckets
Cabs- AC 7000, JD 4020, IH 1066, JD 4230 4 Post, IH 826, MF 1105, JD 4320
Cub Snow Blades And Super A Loader For Farmall Cub Or 140
Kubota 1720 Loader
NI 325 2R Cornpicker
18.4x38 Duals- 20.8x38 Duals
JD 653 Bean Head
JD 343 Corn Head
JD 213 Flex Head
JD 216 Flex Head
Woods 144-12' Stalk Chopper
200 Gal. Pull Type Sprayer
Rhino 15' Wing Fold Rotary Mower
(3) Woods HD 315 Batwing Rotary Mower
Woods 6' 3 Pt. Rotary Mower
Woods L59 Belly Mower For Cub
Woods S260 Ditch Bank Mower
New- Woods L306 & L59 Belly Mowers
New- Woods 121- 10' Rotary Mower
IH FB-B 13x7 SD Drill w/Grass
IH 510 13x7 DD Drill w/Grass
IH 10 16x7 DD Drill w/Grass
JD 8300 23x7 SD Drill
New- King Kutter 4', 5', 6' Mowers
New- Long Rototillers 55", 63", 71"
New- Woodsman 250 Woodsaw- 3 Pt.
New- Westfield 6"x16' Auger
NI 32' Elevator
MF 2X Cornplanter
IH 530 Manure Spreader
Gravity Wagon
Shaver HD8 And HD10 Post Driver
Danuser Post Hole Digger
Many Silage & Snapper Heads
(2) 8' Land Rollers
Drag Harrows
Baltic 3 Pt. Spin Spreader
Workaver 3 Pt. Cement Mixer
Steel Bale Wagons On Gear 18'x8'
6 Ton Running Gear
JD 467 Baler
JD 336 Baler
NH 489 Haybine
NH 256 Hay Rake
NH 56 Hay Rake
Gehl 880 Mower Conditioner
NH 451 Sickle Mower
(2) JD 350- 3 Pt. Sickle Mower
Oliver 351- 3 Pt. Sickle Mower
Grain-O-Vator Feed Wagon

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1987 JD 4450 SGB, power shift, very nice
JD 4050 power shift SGB, MFWD
JD 1981 4440 SGB quad
JD 4440 SGB, power shift, very nice
1982 JD 4240 SGB, power shift, 2500 hrs., very nice
1982 JD 4240 SGB, power shift, very nice
JD 4430 cab, air, quad, nice, 4400 orig. hrs.
JD 4430 cab, air, quad, nice
JD 1977 model 4030 diesel, 4 post, recent engine overhaul
JD 4320 w/fac. cab, 4400 hrs., very nice
JD 4020 w/cab & air, side console, power shift
JD 4020D 1971 model, WF, 2 hyd., nice
JD 4020D, SOLD ro. NF, 2 hyd.
JD 4020D, power shift, WF, recent eng. overhaul
JD A 2 cylinder

JD 450C crawler dozer w/6 way blade
Case 1835B skid loader, diesel

Uni Systems

NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 767 Super chopper w/3RN and hay head
NI 725, 735, 738 corn heads
NI 727 husker
NI 711 grain head, nice
NI 705D w/bad engine

Implements & Misc.

NH 846 round baler
JD 146 loader, less bucket
IH 720 6x18 toggle trip
IH 720 5x16 toggle trip
IH 710 5x16 auto reset
JD 145 5x16 plow
MF 4x16" rollover plow
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Wilrich 9 shank chisel w/front blades
IH 475 21' disk, hyd. wing fold
IH 475 1SOLDk hyd. wing fold
IH 35 disk, 10½'
Year round cab off IH 66 series w/air, nice
NEW WF for JD 3010 thru 4320
JD WF for 720, 730 2 cyl. tractors

Combines

1984 JD 7720 loaded, very nice
1975 7700 D turbo, hydro, nice
1977 6600 D w/404 eng.
1979 JD 4400D, cab, air, nice
JD 4400 D, cab, air, nice

Case IH 7110 Magnum cab, air, duals, wts., 125 hrs., 1991 model, like new
IH 5288 MFWD cab, air, nice, '84 model
IH 3688 factory cab & air
IH 1586 factory cab & air w/new TA
IH 1486 factory cab & air w/rebuilt eng.
IH 1486 fac. cab, air, 2100 hrs.
IH 1086 factory cab & air, new TA, 2600 hrs.
IH 1086 4 post ROPS
1980 IH 186 hydro, fac. cab & air, late model
1980 IH 986 factory cab & air
IH 986 factory cab & air, new TA, & clutch
IH 886 factory cab & air, 1752 actual hrs., very sharp
IH 886 factory cab & air, nice
IH 886 4 post WF & 3 pt.
IH 86 hydro, WF, 3PT, nice
IH 966 w/cab, 3 PT, 38" tires, clean
IH 966 diesel, 3PT, WF or NF, very nice
IH 1456 fender tractor, 20" rubber, nice
IH 1066 w/year round cab, sharp
IH 1066 fender tractor, sharp
IH 666, diesel, WF, 3PT, roll bar
IH 1026 hydro, WF, 3PT (rebuilt hydro)
IH 856, dSOLDWF, 3PT
IH 826 D, gear, 2PT, WF, sharp
IH 756D, WF, 3PT
Case IH 685 w/reverser
IH 884 diesel, late style
IH hydro 84 w/rebuilt hydro and 2250 ldr.
IH 504 gas 3PT, NF
Farmall 504 gas, WF, 3 pt.
Farmall 560 gas w/fast hitch, very nice
Oliver 770, gas, nice

Heads

MF 1163 6RN, very good
MF 1143 4RN corn head, good cond.
MF 1144, 4RW
MF 43, 4RN
MF 9115 flex head
MF 9113 flex head, like new
MF 185SOLDflex w/Ull reel
(2) IH 863 6RN
IH 844, 4RW
IH 943, 4RN
IH 820, flex 13'
JD 643, 6RN
JD 443, 4RN
JD 444 4RW; JD 444 oil bath
JD 343 3RN; 244 2RW
JD 216 flex, black reel
JD 213 flex black reel
JD 215 flex; JD 215 flex black reel
JD 100 Series 13' & 15' rigid heads
JD hay pickup head, 5½'

Used Parts

IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Farmall 400 & 450 D & gas
Farmall H & M
NI 713 & 715 grain heads
NI 702 D & 701 G & 702 G
NI 717 combine
JD 4020 dsl., powershift
JD 3020 G
IH 544 diesel, hydro Farmall
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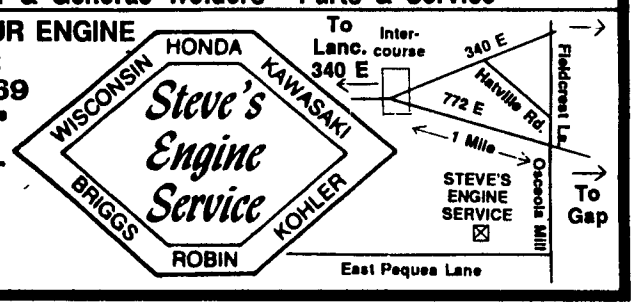

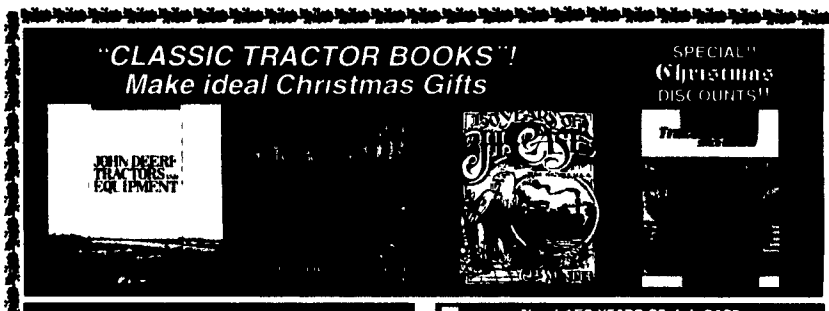

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Case 2290, Cab, Power Shift, Low Hours
Case 2390, Cab, Power Shift, 160 HP

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Case 1818 Uniloader
Case 1830 Uniloader
Case 530CK Loader Backhoe, Diesel
Case 580 B Loader Backhoe Diesel, ROPS
Case 580K Backhoe, Cab, Extendahoe
Ford 420 Tractor Loader, Industrial, Cab, 3PT
Gehl 4500 Skid Steer, Hydrostatic
Gehl 4510 Skid Steer, Low Hours

IMPLEMENTS

JD F325 4 Bot. Plow
Haybines, New Hollands, Hesston, Gehl
New Holland 276 Baler w/Thrower
New Idea 3609 Manure Spreader, 90 Bushel Like New
New Idea 323 One Row Corn Picker
New Idea 279 Cutditioner, 9'
IH 800 Corn Planter, 4 Row
New Holland 1495 Self Propelled Haybine, Ford Diesel, 12'
New Idea 3816 Slurry Spreader, 1600 Gal., Rental Unit - Reduced
Hesston 3900 Bar Rake w/Caster Wheel
IH 5507 Chisel Plow, 7 Tooth, Demo
MF 124 Square Baler w/Engine
IH 110 Forage Box w/Roof
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AC 190
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(2) Ford 2110's
Case 1194 w/Cab

MISCELLANEOUS
DMI Plow Chisel
Bushog Post Hole Digger
Brillion Pulverizer, 12'
McKee 6 Row Cultivator
Pasture Renovater
IH 1150 Grinder Mixer

MOWER CONDITIONERS
NH 1495 SP Haybine w/Head
NH 495 12' Haybine
NH 411 Discbine, Exc.
MF 925 Mower Conditioner
(3) NH 489 Haybine
NH 499, Hyd. Tongue, Exc.
NH 488
NH 479
NH 469
JD 1326 Disc Mower Conditioner

FORAGE EQUIPMENT
(2) NH 1495 Rolareel Heads
NH 890 Auger Base
Int. 830 w/Corn Head & WPU
NH 822 Head
NH 30 Blower
NH 40 Blower
Gehl 1200 Harvester w/3RN & WPU
Gehl 1580 Blower
NH #8 Wagons
NH 890 WPU
Field Queen Side Dump Wagon
(2) Field Queen 7600 SP Harvester w/3RN & WPU

SPREADERS
IH 575
NH S676
NH 308
NH 307

LOADERS
NH 783 Skid
Cat 955 Crawler Loader
Ford 3500
Ford 555A, TLB
NH 785 Skid Loader
NH 785 Skid w/Backhoe
NH L775
JD 644B w/3 Yd. Bucket
Ford 555B TLB
JCB 1400 B, TLB
(2) Dunham 22

BALERS
NH 272
NH 273
NH 316 Baler w/75 Thrower
NH 310 w/TJD Wisconsin Eng.
NH 315
Thrower 75
NH 276 w/Thrower
(1) NH 269
NH S68
NH 271 Baler
JD 347 w/Kicker
JD 336 w/Engine
(2) NH 310
NH 270
NH 851, Auto Wrap Baler
MF 124 w/Thrower
NH 276 w/Motor
(3) NH 320 w/70 Thrower
NH 852 Rd. Baler
NH 326 w/¾ Ton Chute

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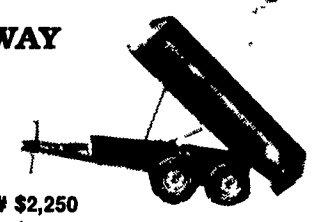

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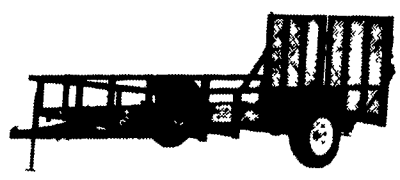

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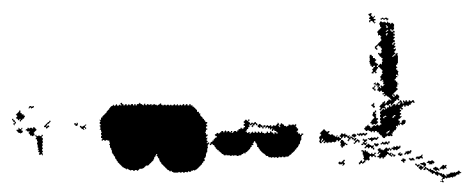
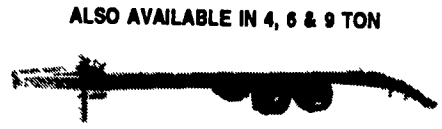


CONSTRUCTION (LOW DECK) 16'x76", 18'x81", 20'x81" 8,000# or 12,000# GVW

Starting At $3695 w/4' Adj. Tail

GOOSENECK SIZES: 20'x8', 12,000# GVW, 24'x8' 18,000# GVW

ALSO AVAILABLE IN 4, 6 & 9 TON



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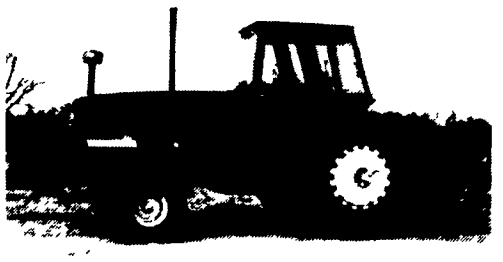

AC 7060
CAH, Runs Exc.
$5,500
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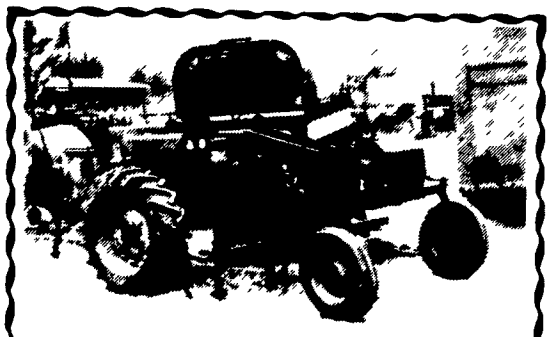

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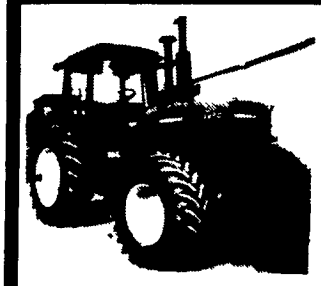
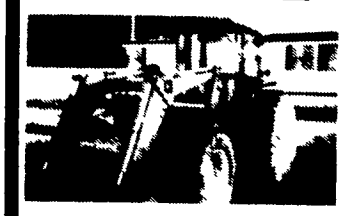
Sale Runs Thru December Or Until Equipment Is Sold!

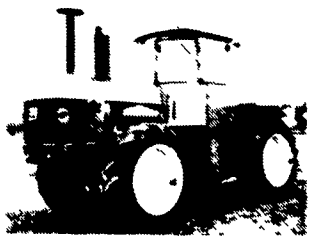
FINANCING IS AVAILABLE WITH DEFERRED PAYMENTS UNTIL SPRING, 1992!



84 JD 4850, 193 HP, MFWD, C/A, 20.8Rx38, 2500 Hrs., 3 Rem., PS
Was $47,900
SAVE $5,000
NOW $45,900



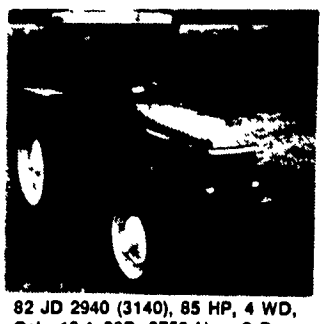
84 JD 4450, 140 HP, MFWD, 20.8Rx38, 4300 Hrs., 3 Rem., RS, w/280 Loader
Was $47,900
SAVE $2,000
NOW $45,900



80 JD 8640, 229 HP, 4 WD, C/A, 18.4Rx38 (Duals), 3200 Hrs., 3 Rem, Quad
Was $32,900 SAVE $3,000
NOW $29,900

82 JD 4440, 130 HP, 2 WD, C/A, 23.1x34 5000 Hrs., 2 Rem, PS
Was $19,900 SAVE $2,000
NOW $17,900

84 JD 4250, 120 HP, 2WD, C/A, 20.8Rx38, 4300 Hrs., 2 Rem., Quad.
Was $27,900 SAVE $2,000
NOW $25,900



82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., 2 Rem, Hi-Lo
Was $18,900 SAVE $2,000
NOW $16,900

77 JD 8430, 180 HP, 4 WD, C/A 18.4x38 (Duals), 2400 Hrs., 3 Rem., Quad
Was $22,900 SAVE $4,000
NOW $18,900

80 JD 2940 (3140), 85 HP, 4WD, CA, 16.9Rx38, 2950 Hrs., 2 Rem, Std. Tranny, Wilcone Loader,
Was $19,900 SAVE $1,000
NOW $18,900

80 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 5000 Hrs., 2 Rem., Quad, Rebuilt Transmission
Was $22,900 SAVE $4,000
NOW $18,900

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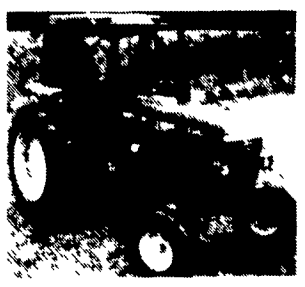
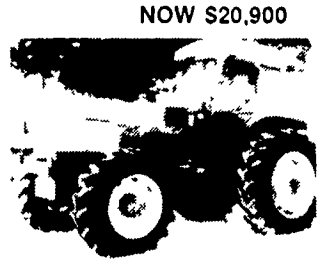
91 JD 4955, 203 HP, MFWD, C A, 18 4Rx42 (Duals), 56 Hrs., 3 Rem., PS $79,900
91 JD 4455, 141 HP, MFWD, C A, 18 4Rx42 (Duals), 2 Hrs., 3 Rem, PS $59,900
90 JD 8560, 198 HP, 4 WD, C A, 30.5x32, 350 Hrs., 3 Rem, 24 Speed, 22 Mos. On Warranty $59,900
89 JD 3155, 96 HP, MFWD, 4-Post, 16 9Rx38, 2500-3500 Hrs., 2 Rem, TSS (Hi Lo) $25,900
84 JD 2010, 47 HP, 2WD, 1 Rem., 14.9x28, 5200 Hrs., Synchro, Was $6,500 SAVE $2,000 ..... NOW $4,500
JD 8300 Grain Drill, Single Disk Opener, 22 Run, 7 Spacing $1,950
91 FD TW-30, 165 HP, 4 WD, C/A, 20 8Rx38, 2900 Hrs., 2 Rem, DP $24,900
82 FD TW-20, 128 HP, 4 WD, C A, 18.4Rx38, 3350 Hrs., 2 Rem, DP $22,900
72 Super 6 Ford, 105 HP, 4 WD, 18.4x30, 2 Rem, 1400+ Hrs., 8 Speed Was $9,900 SAVE $3,000 ..... NOW $6,900
77 FD 3600, 42 HP, 2WD Cab, 16.9x28, 2400 Hrs., 8 Speed, Was $6,900 SAVE $2,000 ..... NOW $4,900
72 Oliver White Moline, A4T160, 270 HP, 4WD, Cab, 18.4x38 (Duals), 1500 Hrs., 2 Rem., Standard, Was $11,900, SAVE $2,400 ..... NOW $9,500
87 Mitsubishi 250 D, 22 HP, 4 WD, 650 Hrs., 11.2/10x24 (New) w/Woods Mower $8,500
88 Cat Challenger 65, 280 HP, Track, (New), C/A, 1800 Hrs., 4 Rem., PS $87,500
88 Cat Challenger 65, 280 HP, Track (70%), C A, 2400 Hrs., 4 Rem., PS $79,900
62 Cat 922A Loader, 80 HP, 4WD, 14 00x24, Was $12,500 Save $2,600 ..... NOW $9,900
80 GMC Astro V892 13 Spd. Road Ranger, 26 Rollback Tri-Axle $29,500
87 Mercedes, 30', Air Tag Axle $23,900
Haines Rockpicker Offset Drive, New Cyl., Large Rock Box, Hyd. Cyl. Dump $8,000
5 Ft. Deep Plow $6,000
Bomford 60" Side Mount Mower $5,000
Bomford 72" Mid-Mount Mower $2,950
77 IH 570 Spreader $2,500
Snyder 300 Gal. Corn Sprayer $1,500
Hay Conveyor $1,500
5 Head Tiller, Used $2,950
6' York Rake $475

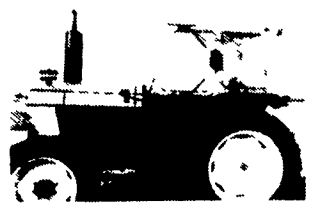


80 JD 4240, 110 HP, 2 WD, C/A, 18 4Rx38, 3200 Hrs., 2 Rem., Quad
Was $18,900
SAVE $1,000
NOW $17,900

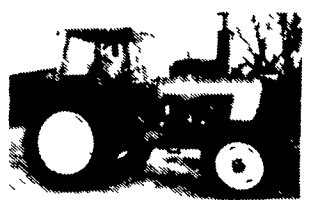


84 FD TW-25, 140 HP, 4 WD, C/A, 3200-Hrs., 18 4Rx38 DP, 2 Rem
Was $32,900 SAVE $7,000
NOW $25,900

81 FD TW-30, 165 HP, 4 WD, C/A, 20.8Rx38, 3500 Hrs., 2 Rem., DP
Was $24,900 SAVE $3,000
NOW $21,900

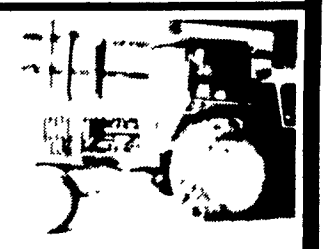


83 FD 7710, 86 HP, 4 WD, Cab, 16.9Rx38, 2800 Hrs., 2 Rem., DP
Was $22,900 SAVE $3,000
NOW $19,900



81 FD TW-20, 128 HP, 4 WD, C/A, 18 4Rx38, 3600 Hrs., 2 Rem., DP
Was $21,900 SAVE $3,000
NOW $18,900

73 JD 4430, 126 HP, 2 WD, C A, 20 8x34 (Duals), 4400 Hrs., 2 Rem, Quad
Was $14 900
SAVE $1,000
NOW $13,900

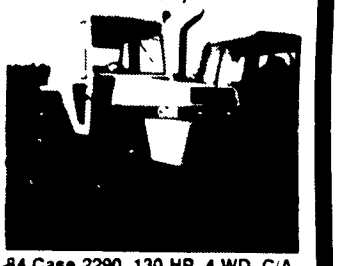


83 JD 2950, 85 HP, MFWD, 18 4x28, 3200 Hrs., 2 Rem, Hi-Lo, w 260 Loader
Was $22,900
SAVE $2 000
NOW $20,900

84 FD 6610, 72 HP, 2 WD, Cab, 16 9Rx34, 3100 Hrs., 2 Rem, DP
Was $15,900 SAVE $1,000
NOW $14,900

84 IH 5288, 160 HP, MFWD, C/A, 20 8x38 (Duals), 5000 Hrs., 2 Rem., 18F/6R
Was $28,900 SAVE $6,000
NOW $22,900

73 IH 1066, 116 HP, 2 WD, ROPS, 18.4x38, 2500 Hrs., 2 Rem, Hydro. 8F/4R (Hi-Low)
Was $11,900 SAVE $2,000
NOW $9,900



84 Case 2290, 130 HP, 4 WD, C/A, 18 4Rx38, 3800 Hrs., 2 Rem, PS
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Frye QT Loader, Fork, Bucket	$ 2,500
JD 2750, MFWD, SG Tractor w/245 Loader	$29,600
Ford 2000 Low Profile Gas Tractor.	$ 2,500
IH Cub	$ 1,750
IH Super A Tractor w/Cultivator	$ 2,500
IH 574 Gas Tractor	$ 4,250
IH 584 Dsl. Tractor, IH 2250, QT Loader	$ 9,990
JD 3300 Gas Combine	*$ 4,900*
NH 68 Baler	$ 875
JD 214W Wire Baler	$ 500
JD 336 Twine Baler w/30 Ejector	$ 4,500
JD 346 Wire Baler	$ 3,750
JD 346 Wire Baler w/30 Ejector	$ 4,500
JD 347 Wire Baler	$ 6,500
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IH 1000 7' Sickle Bar	$ 775
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NH 489 Haybine	$ 3,250
NH 55 Hay Rake	$ 1,000
JD 210 14' Disc	$ 2,000
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JD 1240 4 Row Plateless Planter, Dry Fert.	$ 1,250
JD 1240 4 Row Plate Planter, Dry Fert.	$ 750
JD 7000 4 Row Plate Planter, Liquid	$ 3,500
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JD 8200 18x7 Drill, GS, SD	$ 1,750

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AC: 6080 w/Ldr ROPS Sunroof, 6080 w/ROPS & Sunroof; 7000 w/Cab, 7040 w/Cab, 7045 P/S w/Cab, 180 Diesel, 185 Diesel, 190XT Diesel, D17 Diesel
DEUTZ: DX160 4WD w/Cab, DX140 w/Cab, 7085 w/Cab.
FORD: TW25 w/Cab, 7000, 7600 Hi-Clearance, 5000 w/Ldr., 4000 w/Ldr , 4100 w/Ldr Sunroof, 3000 w/Ldr , 8N's, 540A w/Cab
KUBOTA: M8950 4WD w/Cab & Ldr , M 4950 4WD w/Ldr. ROPS Sunroof, L305 4WD w/Ldr.; B7100 4WD
WHITE: 2-135 Red Stripe w/Cab
IHC: 140 w/Cult , 400, M, Super H, 140 Hi-Clear.
SAME: Saturno 80 4WD w/Cab
MASSEY: 135 w/Ldr., 35 Deluxe w/Ldr.
ZETOR: 5245 4WD w/Cab.

TILLAGE EQUIPMENT

AUTO RESET PLOWS:
IHC: 450 4 Btm 3 Pth , 700 5 Btm Semi-Mount, 700 6 Btm 3 Pth , 710 5 Btm Semi-Mount, 710 4 Btm O/L Hitch, 710 6 Btm O/L Hitch, 720 6 Btm O/L Hitch, 720 5 Btm Toggle Trip O/L Hitch, 720 8 Btm O/L Hitch, 735 6 Btm O/L Hitch; 720 6x18", 3 Pth
JD: 2500 5 Btm. 18" w/Add On Semi-Mount, 2500 6 Btm. 3 Pth , 2500 7 Btm O/L Hitch, 3600 5 Btm O/L Hitch, 3600 4 Btm. O/L Hitch
WHITE: 588 5 Btm , 4 Btm. Rollover, 508 4 Btm Semi-Mount
FORD: 3 Bottom
CHISEL PLOWS: **AC:** 1600 8 Shank
GLENCO: 17, 10, 9 Shank 3 Pth
BRILLION: 7 Shank 3 Pth
IHC: 13 Shank Trailer
JD: 1610 12 Shank 3 Pth
BUSH HOG: 12' Shank 3 Pth
DISCS: **IHC:** 11 Ft Transp , 37, 12' & 14'.
JD: 12 Ft Transp , AW 10 Ft , 220 20 Ft Flex Gang Centerfold, T0110 12', T3544 16'
KEWANEE: 610 14 Ft
AC: 3300 18 Ft , 2300 14 Ft Wing, 14 Ft Fold-Up
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ATHENS: 131 12 Ft
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DISCBINES: **DEUTZ:** SM70
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D/A: HD 490 w/Thrower
N.I.: 484 Round Baler.
JD: 338 w/Thrower, Like New
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HESSTON: 2000-100, 2000-150, 7140
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TRACTOR/LOADER/BACKHOES: Case 480, 580, 580B, 715 C.
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ALSO:
LOADERS: AC 640, AC 714, AC 615, Massey 2135, NH L775 Skid Steer Ldr , JD 440A And 440B Log Skidders, Pettibone B66 4WD Forklift, 1976 GMC Truck w/45 Ft. Ariel Bucket, Edwards Manlift, Morbark Disc Chipper, Assorted Tag-A-Long Equipment Trailers, Ford Lane Paver Model A-2; Case W9AG Payloader; 20' Tandem Utility Trailer.

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VACUUM: VanDale 2250 Gal.
MISC: 3000 Gal. H/M Tank On 1973 Int'l. Tandem Truck, NH 668 Spreader.

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JD 6620 LL, 1 Owner, Full Equipment, $20,000.

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(75) 6600 D. Rotary Screen good.

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JD 4400 Gas, 13' grain.

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MF 850, C A., Turbo, Hydro., w/17' Flex And 6R Cornhead.

MF (78) 760 C A., V-8, Hydro., 4 WD, w/2 Heads.

MF (76) 750 Cab, Air, Hydro

MF 550, C.A., Hydro., 4WD.

MF 550, C.A., Hydro.

White 8900, C.A., Turbo Hydro, 4WD w/2 Heads.

IH 915, Turbo Hydro, 4WD, w/810 Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 715 Gas w/Cab & 810 grain for $4,850.

N H. TR70 C.A. Hydro.

Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex.

Gleaner M w/15' Flex

N I 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 Oil Bath, 643 LP, 643, 444 LP, 443 Oil Bath, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.

I H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N I 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).

NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid; JD 216 Rigid.

820 16½ ' Flex.

I H. 810-13' Thru 17.5' w/ Reg. or Floating.

M F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N I 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; 1988 JD 4850, C.A.P.S., 2WD, 3 Valves, [SOLD] Duals, 800 Hrs., Like New; JD 4650 C.A.P.S., MFWD, Local Owner; JD 4650 C.A.P.S., Real Nice; '86 Model 4450, C.A.P.S., MFWD; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 JD 4440 C.A.P.S.; 1982 JD 4440 C.A.Q.R.; JD 4440, C.A.Q.R., Nice; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440, ROPS, Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4240, ROPS, QR; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 MFWD w/ROPS; JD 2840 w/Cab; JD 2840 w/ROPS; JD 2840; JD 2640 w/Hi-Lo; JD 1982 2440 w/146 Loader; JD 2040; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, C.A.Q.R.; JD 4430 Fender, QR, As Is; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 C.A.Q.R.; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; 4430 ROPS, Syncro Range; JD 4030 Quad Range w/Cab; JD 4030 w/ Cab, Q.R.; JD 4030 w/158 Loader, 1000 Hrs. On Overhaul; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 432[SOLD] Nice; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 40[SOLD]l, As Is; JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas, Tricycle; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 730 Dsl. w/3Pt., Good Cond.; JD 730D; 1950 JD D.

IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 CA w/20.8-38 Duals; 5088 C.A. w/New 20.8x38 Radials; IH 5088 C.A.; 3588 2+2, C.A.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS, 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender, 1566 w/Cab; 1466 w/Cab; 1466, C.A.; IH (76) 1466 w/ROPS; 1466 Fender; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; IH 766 C.A.; F766 w/Factory Cab; 766 Fender Diff. Lock, New Tires; Farmall 666, Dsl., WF; IH 1026 Hydro; Farmall 826 Hydro, Nice; IH 826 Dsl., WF; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; IH 574 Dsl.; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 444 U. Gas w/IH 1501 Loader; IH 504 Utility Dsl. w/IH 1501 Loader; Farmall 856 Dsl., Nice; 756 Dsl., WF; Farmall 656 Dsl., Hydro, Real Nice; IH 1206; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 560 Dsl.; Farmall 400 Tricycle w/PS And Loader; Farmall 350 Tricycle w/PS, FH; Farmall 200; Farmall 100, Hi-Clearance w/Cultivators; Farmall 100 w/Woods Mower; Farmall 350 w/ Fast Hitch, Very good Condition; Farmall M; Super H; Farmall C; IH Super C w/Ldr. And Fast Hitch Equip..

AC (84) 8070 C.A.P.S.; AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8050 C.A.P.S., w/470 Loader; AC 7060, C.A.P.S., Real Nice; AC 7020 CA, 20 Spd.; AC 7010 2WD, Nice; AC 7010 Gas, Nice; AC 7010 Dsl., Nice; AC 7000 Gas, Nice; AC 5020 Gas, Nice; AC 5020 Dsl.; AC 4000 Gas, Nice; AC 4000 Dsl., Nice; AC 1110 Gas, Nice; AC 1110 Dsl., Nice; AC 1010 Gas, Nice; AC 1010 Dsl., Nice; AC 1000 Gas, Nice; AC 1000 Dsl., Nice; AC 1000 Gas, Nice; AC 1000 Dsl., Nice; AC 1000 Gas, Nice; AC 1000

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1976 JD 4630 Dsl., Cab, Air, Power Shift, 2900 Hrs., 20x38 w/Duals, 1 Owner, Very Nice
1987 JD 4450 Cab, Air, Power Shift, MFW, 1200 Hrs., 18x42 w/Duals, Excellent Cond.
1976 JD 4430, Cab, Air, QR, 4200 Hrs., Excel. Cond.
JD 4320 Dsl., Cab & Air, Very Nice
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
1972 JD 4020 Dsl., WF, Side Console, Dual Hyd.
1968 JD 4020 Dsl. w/Cab Dual Hyd., WF
JD 4000 Dsl., WF, YR Cab, Dual Hyd., Very Good
JD 4430 Dsl., Cab, Air, QR, Very Nice
1979 JD 2640 Dsl., 2300 Hrs., Hi-Low, Indep. PTO, Dual Hydraulics, Excellent Cond.
1988 JD 2955 Dsl., 2100 Hrs., w/Roll Guard, Very Nice
JD 2750 Dsl., Hi-Lo Indep. PTO, Rack & Pinion, 16x38 Rubber, Excellent Condition
JD 2520 Dsl., WF, Dual Hyd., 3900 Hrs., One Owner, Very Nice
JD 530 Tricycle w/3PT, Good Cond.
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1466 Dsl., Red Cab w/Air, New TA, 3,100 Hrs., Dual PTO & Axle Duals, Very Nice
IH 1066 Dsl. w/Cab, Low Hours, Very Nice
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 460 Gas, WF, Fast Hitch, Very Nice
Ford 2000 Gas, Power Steering w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice
1981 MF 2705 Dsl., Cab & Air, 24 Spd. Power Shift, Very Nice

QUALITY COMBINES
(Displayed Inside Building)

1981 JD 7720 Dsl. Cab & Air, Hydro, Very Nice
1979 JD 4400 Dsl., Cab & Air, 23x26 Rubber, Very Good Machine
1978 JD 4400 Dsl., Cab & Air, AHH, Choice of Heads, Very Nice
1973 JD 4400 Gas, Cab & Air, 2100 Hrs., One Owner, Excellent Cond.
1975 JD 3300, Gas, w/Cab, One Owner, Very Nice
Gleaner K w/Cab, 10' Grain Platform
1980 Gleaner K2, Cab & Air, Grain Saver, 1000 Hrs., One Owner
IH 203 w/Cab, 10' Grain Table, Excel. Cond.
MF 13' Rigid Platform
JD 213, 215 & 216 Flex Head, Good Selection
JD 13' Rigid & Floating Grain Heads
IH 820 13' & 15' Flex Head
AC 10' Grain Platform Fits EIII/K2
Gleaner 313 Flex Head to fit F-F3
AC F2 13' Rigid Head

PLANTING EQUIPMENT

JD 8300 21x7 Grain Drill w/Grass Seed & Press Wheels
1991 JD 7200 4R Conservation, Dry Fert., Fully Equipped, Like New SOLD
JD 7000, 6RN, Conservation, Liq. Fert. Insect. Monitor
JD 7000 4RN Dry or Liquid Fert., Insect. & Monitor
JD 7000 4RW, Liq. Fert., No-Till Coulter, Insect., Monitor
JD 7000 4R Conservation, Dry Fert., Insect., Monitor, Frame Mounted Coulters

HAY EQUIPMENT

JD 2RN & 2RW Heads w/Slip Clutch
JD 1219 Mower Conditioner, Non-Clog Guards, Very Good Cond.
NH 489 Haybine
NH 411 Discbine, Excellent Cond.
JD 410 Round Baler, 4' Bale
JD 347T w/¼ Turn Chute, Very Nice
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/Ejector
JD 327 Baler w/30 Ejector, Hydraulic Tension, Elect. Controls, Very Nice
NH 38 Flail Chopper, Like New
NH 847 Round Baler, Very Nice
NH 320 Baler w/Thrower, Very Good
NH 316 Baler w/¼ Turn Chute
NH 258 Rake w/Rubber Teeth
NH 851 Round Baler, Very Nice
NH 846 Round Baler, Excellent Condition
NH 1037 Bale Wagon, 105 Bale Capacity, Tandem Axle, Excel. Cond.
NH 1034 Bale Wagon, 105 Bale Capacity, Single Bale Unload, Tandem Axle, Excel. Cond.
NH 1002 Bale Wagon, 56 Bale Capacity, Very Nice
NH 1012 Bale Wagon 60 Bale Capacity, Single Bale Unload
NH 1033 Bale Wagon Tandem Axle, 105 Bale Capacity, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 4 Star Tedder, Very Nice
Farmco Steel Side Hay Wagons, Used One Season, $1650 Each

YEAR END SPECIALS

JD 4400 Gas Combine, Mechanics Special, $1,500
IH 820 Flex Head, Good Cond., $3,400
IH 460 Gas, WF, $1,500
IH 710 6x18 Onland Spring Reset Plow, $2,800
Hutchmaster 12' Offset Disc, $2,250
NH 851 Round Baler, $3,250
JD 310 12' Double Offset Disc, $2,800
JD 1219 Mower Conditioner, Good Cond., $3,850

MISCELLANEOUS EQUIPMENT

JD 400 14' Rotary Hoe
JD 4 & 6 Row Danish Tine & Spring Tooth Cultivators
JD 27 Stalk Shredder
18x38-18x34-13x28-16x28 Duals
IH 2250 Quick Tach Loader to Fit 656, 666, 686
IH 4 Row Front Mounted Cultivator
JD 145-146-148-158-37 Loaders
Quick-Tach Loader to Fit IH 706 Thru 1486
Brady 1460 Stalk Shredder
Gehl 100 Gr SOLD Mixer Hyd. Drive

NEW ARRIVALS

JD 2630 Dsl. Indep. PTO
JD 4230 Dsl. Cab, Air, QR, 38" Rubber, Very Nice
JD 4650 Cab, Air, MFD, 15 Spd. Power Shift, 18.42 w/Duals, Very Nice
IH 700 4x16 Spring Reset
JD 350 Crawler Loader

TILLAGE

JD 950 15' Roller Harrow
JD 12' AW Disc
JD 220 18' Hyd. Fold Disc
JD 230 18' Hyd. Wingfold Disc
JD 310 12' Double Offset Disc
Hutchmaster 12' Offset Disc, Big Blade
IH 610 12' Offset Disc
Brillion 14' Cultimulcher Dual Transport, Excel. Cond.
Brillion 12' Roller Harrow, In-Board Wheels
Rhino 18' Hyd. Fold Rock Flex Disc
Krause 4900 18' Rock Flex Disc w/Leveling Bar, Used 1 Season, Like New SOLD
Dunham 23' Hyd. Folding Cultipacker
Miller 12' Heavy Weight Offset Disc

CORN HEADS

JD 244 2RW
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643 Oil Bath
JD 643 6RN
AC F430 4RN
AC K330 3RN
AC 238 Corn Head
AC 430, Black, 4RN
AC 438 Black 4 RW
MF 1163 6RN
MF 1143 4RN
MF 43 4RN
MF 33 3RN

CORN PICKERS

NI 325 2RN, 12 Roll Bed, Late Model, Very Nice
NI 325 2RN 12 Roll Bed
NI 324 2RW 12 Roll Bed, Late Model
NI 324 2RW 12 Roll Bed, Very Low Acreage, Like New
NI 323 1 Row Corn Picker

PLOWS

IH 735 5 Base Variable Width Spring Reset
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset
IH 720 5x18 Spring Reset
IH 720 4x18 Spring Reset
IH 710 4x18 Spring Reset
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x18 Spring Reset
IH 710 6x18 Spring Reset

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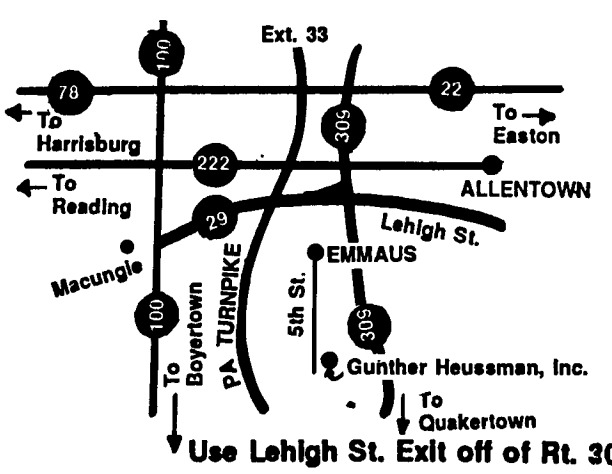

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Brillion 11-Ft. Pulverizer	$ 450	$ 275
IHC 12-Ft. Disk Harrow	$ 750	$ 550
JD 1450 5B16 Semi-Mtd. Plow	$ 950	$ 600
Hesston 1091 9 Ft. Mower Cond.	$1,350	$1,050
JD 1219 9-Ft. Mower-Conditioner	$2,500	$1,450
JD 1380 12-Ft. Mower-Conditioner	$3,500	$2,450
JD 3960 Forage Harvester w/Elec. Controls	$6,500	$5,350
JD 5½ -Ft. Hay Pickup	$ 350	$ 250
IHC 800 6R30 Corn Planter	$4,250	$3,250
White 5400 6R30 Corn Planter	$3,500	$2,250
JD 215 15 Ft. Rigid Platform	$2,800	$1,500
JD 215 15 Ft. Rigid Platform	$3,500	$2,000
JD 215 15 Ft. Flex Platform	$5,500	$3,000
JD 215 15 Ft. Flex Platform	$5,500	$3,000

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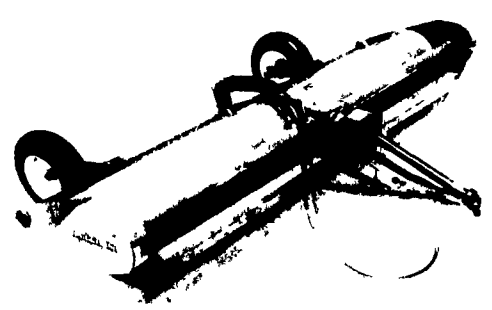

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0% Interest Til April 1, 1992

AC "C" w/Cult	$ 1,850
JD 2150 45-H.P. Dsl. w/Rev. Trans., JD 175 Loader	$14,900
JD 3010 55-H.P. Dsl.	$ 5,950
JD 2240 55-H.P. Dsl. w/New Engine	$11,500
JD 2755 75-H.P. Dsl. MFWD, Cab	$30,500
JD 4010 80-H.P. Dsl.	$ 9,250
AC 200 100-H.P. Dsl., Cab	$ 8,500
Hesston 1380 120-H.P. w/Cab, 12 Spd.	$14,500
JD 4250 120-H.P. Dsl., Cab, P.S., Duals	$45,000
JD 4440, 130-H.P. Dsl. P/S, Cab	$28,500
AC 7060 160-H.P. Dsl., Cab, Power Shift	$15,500
Case IH 3394 165-H.P. Dsl. MFWD, Cab	$32,500
Case 4690 220-H.P. Dsl. 4-Whl. Drive Cab	$35,500

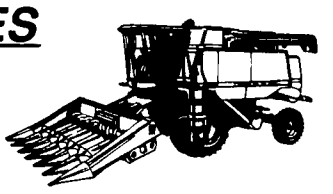
FORAGE EQUIPMENT

0% Interest Til May 1, 1991

JD 3960 Harvester	$ 5,350
JD 3960 Harvester	~~$ 9,000~~ $ 7,500
JD 35 Harvester	$ 2,750
IHC 830 Harvester w/3R30, Hay PU	$ 5,750
NH 900 Harvester w/Metal Alert, Hay PU, Like New	$18,500
NH 1895 SP w/3R30, Hay PU	$17,500

COMBINES

0% Interest Til Sept. 1, 1992 Or 6.9% For 48 Months



JD 55 Gas w/12 Ft., 3R Cornhead	$ 3,800
MF 750 Diesel w/4R Cornhead	$ 9,500
JD 4425, Variable Speed, Cab, Spreader, 950 Hours	$33,500
JD 4435, Variable Speed, Cab, Chopper, 880 Hours	$47,500
IHC 1460 Hydro, Cab, 6R30	$46,500
Gleaner L2 w/Cab, Straw Chopper, 15-Ft. Flex, 6R30	$36,500
JD 443 4R30 Cornhead	$ 3,850
JD 643 6R30 Cornhead	$11,500
JD 213 13-Ft. Flex Platform	$ 4,500
JD 215 15-Ft. Flex Platform	$ 7,250
JD 220 20-Ft. Flex Platform	$ 6,500

HAY EQUIPMENT

0% Interest Til May 1, 1992

NH 479 9-Ft. Haybine	$ 1,995
JD 1380 12-Ft. Mower-Conditioner	$ 3,750
NH 489 9-Ft. Haybine	$ 3,850
JD 1219 9-Ft. Mower-Conditioner	$ 6,350
NH 411 9-Ft. Rotary Disk Haybine	$ 6,950
Hesston 1160 12-Ft. Hydra-Swing	$11,500
OMC 596 Baler SOLD	$ 6,250
NH 320 Baler w/Drop Chute	$ 5,500
JD 346 Baler w/JD Ejector	$ 6,950
JD 348 Baler w/JD 40 Ejector	$10,700

MISC. EQUIPMENT

New Idea 245 10 Ton Spreaders w/Endgate	$ 2,850
JD FBB 15x7 Fert./Grain Drill	$1,650
Marliss No-Til 10-Ft. Grain Drill	$5,500
Krause 5200 No-Til 13-Ft. Grain Drill	$9,000
JD 750 15 Ft. No-Til w/GSA, Like New	$21,000
New Idea 323 1-Row Corn Picker	$2,650
New Idea 176 41-Ft. Corn Elevator	$1,650
Tebbin 5-Tooth Deep-Til w/Gauge Wheels	$2,750
MF 233 Disk Harrow, 12-Ft.	$2,800
JD 950 Roller Harrow, 12-Ft.	$3,300

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Ford 8N
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IH F340
IH 884, 72 HP
IH 235
IH 245 w/loader, only 90 hours
Cub Cadet 1572 w/60" mower
Woods 1860 Mowing Machine
Grasshopper 1622 Mowing Machine
IH 674 2250 Loader

USED EQUIPMENT

Loader for Farmall Cub
Ford 5 bottom plow
NI #7 Corn Picker
6' Pull Type Bush Hog Mower
IH 311 6' Mower
IH 540 Spreader
Little Giant 26' Elevator
NH 36' Elevator
Case 1737 Skid Steer
Hydra-Mac 8C skid steer
IH 800 Planter
Case IH 8520 Round Baler
Kuhn FC 200 6'7" Mower Conditioner
Kuhn GRS 24 Rake
IH 56 Planter 6R
NI 290 Mower Conditioner
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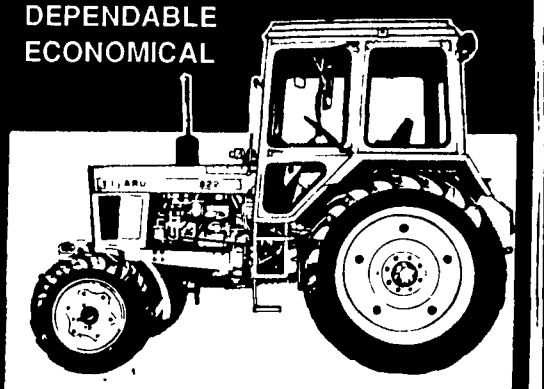

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36 HP Diesel 4 WD	$8,295
65 HP Diesel	$10,290
65 HP Diesel 4 WD w/Cab	$13,640
81 HP Diesel	$11,390
81 HP Diesel 4 WD w/Cab	$15,340
100 HP Diesel 4 WD w/Cab	$18,870
180 HP Diesel 4 WD Turbo w/Cab	$36,200

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4600 Breidenbaugh Ln (Off 12200 Manor Rd.)
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JOHN DEERE

GOOD USED MISCELLANEOUS TRACTORS

Mitsubishi-Satoh Model S650G, 27 Hp., 6 Spd. H.L., 3 Pt. Hitch, 519 Hrs. Diamond Tread Tires
Ford 860, Low Hours
Ford Jubilee Tractor
JD 4040 w/4 Post Roll Guard, Power Shift — 2885 Hrs., Nice!
Int. 884 w/2250 Loader
Int. 154 Cub Lo-Boy w/Mower
JD 2440 w/Loader
JD 2555, MFWD w/Cab & Air, 600 Hrs., Exc. Cond. — Snow Plow Also Available!

USED MISCELLANEOUS EQUIPMENT

Woods 121 3 Pt. Rotary Cutter
JD 709 Pull-Type Rotary Mower
JD 1209 Mower Cond. w/New Rolls
JD 145H 5-Bot. 16" Trip Plow — $700 As Is
JD 1600 10-Ft. 3-Pt. Chisel Plow
JD 346 Baler w/30 Ejector
JD 2-Row Potato Digger
3 Pt. Plows — 1, 2, 3 & 4 Bottom
Late Model Grain Tables For 6600 Series Combines
JD 444 Cornheads
AC 16 Ft. Wing Fold Disk, On Rubber
Century Trailer Sprayer w/Eng., Hose & Gun — Like New!
Landoll Pull Or 3 Pt. Soilmaster, 5 Shanks, 7 Ft. Working Width
Ford 3 Pt. Blade
King Wyse 24 Ft. x 20" Elevator w/ Motor & Carriage
Ford Danuser 3 Pt. Comm. Post Hole Digger w/4'x9" & 6'x10" Augers
1989 Polaris Big Boss 6-Wheeler w/ Body — $3,100. Handy For Farmers To Travel To Fields.
Lawn Tractors & Snowmobiles

Use The JD Finance Plan — Interest Free Periods — As Applicable

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NEW STUMPSTER STUMP GRINDER!

To remove stumps without blasting or digging. NO MESS... only a few small chips left. Put on a 3-pt. hitch, hook up to hydraulics and operate from the seat of your 22-90 hp tractor. Cut trees as far as 8" below ground level. Cuts any wood fast! Works with 19 removable, regrindable bits. You can start a professional stump removal business. This is a production machine and not a toy! Call us for more details.

New & Used Sales And Service

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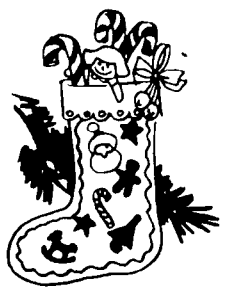

C.J. WONSIDLER BROS.

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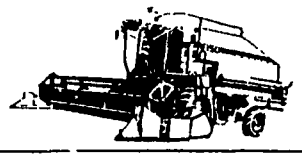

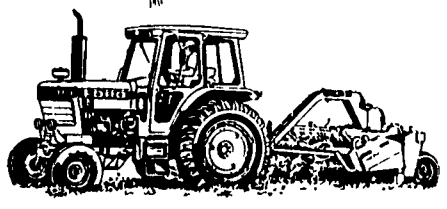

BRANCH

Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

*** 3 LOCATIONS ***

Trumbauersville to Finland Rd.
Quakertown, PA

(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 AM-5:00 PM
6:00 PM-9 PM
Sat. 7:30 AM-4:00 PM

BRANCH

Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
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Sat. 7:30 AM-12:30 PM

TRACTORS

DA 6240 D w/Loader, Like New
AC 6060 D, w/Ldr , Excellent
AC 6080 D, Excellent
AC 7060 D w/Cab, Air And Heat
AC 185 D, Low Hours
AC 160 D, Excellent
AC WD45
AC WD
Ford 8N
Ford 800 w/Front-End Loader And Backhoe
MF 1150D w/Cab
JD 3010 D
JD 60
White 105 D, Excellent
Oliver 1850D
Oliver 1600D
Oliver 550
Case IH 574D
Case 500
Case 70 Front-End Loader w/8' Bucket, Like New!
Bobcat 743 Skid Steer Loader
Case 1835 C Skid Loader, Like New, Low Hours

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner K w/10' Grain & 238 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
IH 815 w/Cab, Air, Heat, M810 15' Grain Head, M863 Corn Head
NH 975 Gas w/Cab & Both Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker
AC 630 Corn Head For N Or R Series Combines

TILLAGE

AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows

MANURE SPREADERS

NH 791 370 BU, Good
NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. Pan; 210 BU., A-1!

MISC.

(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
NH 358 Grinder/Mixer w/Scales, Low Hrs.
Gehl Grinder/Mixer
Grain Chief 400 Bu Dryer, PTO Drive

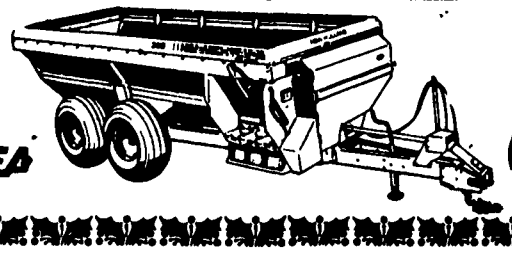
HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS

NH 1880 Hydrostatic Drive w/P.U. And 2 Row Corn Head
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers

NEW IDEA



TRUCKLOAD SALE

On 90 B.U. To 400 B.U.

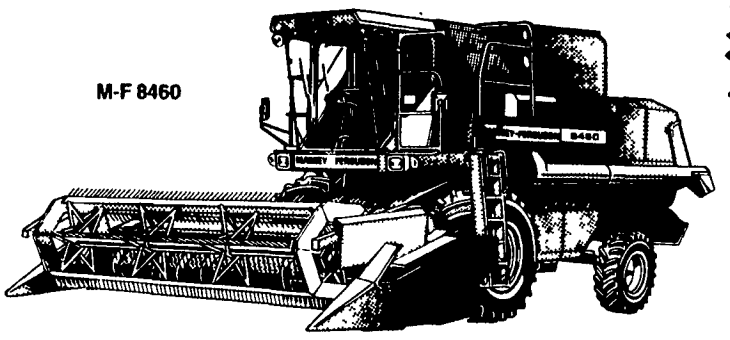
(New) New Holland And New Idea Manure Spreaders

"Save Hundreds Of Dollars!"

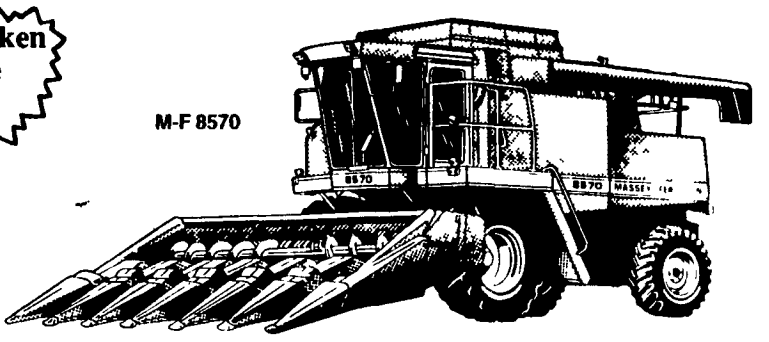
Ford FORD NEW HOLLAND

M.M. WEAVER & SONS, INC.

MF TRACTOR & COMBINE HEADQUARTERS



We Repair Broken Grain Table Augers!



CONVENTIONAL COMBINES

OR

IN STOCK NOW!

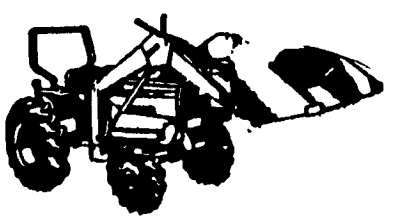
ROTARY COMBINES

22 COMPACT DIESEL TRACTOR

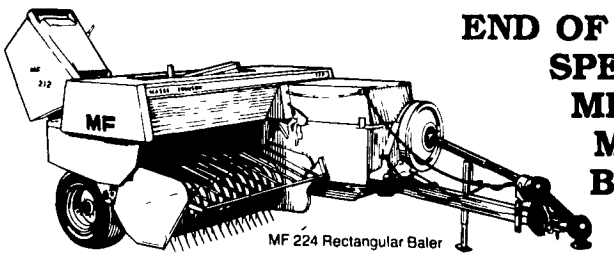
BACK FROM LEASES

Like New Tractors

Used Tractor Prices

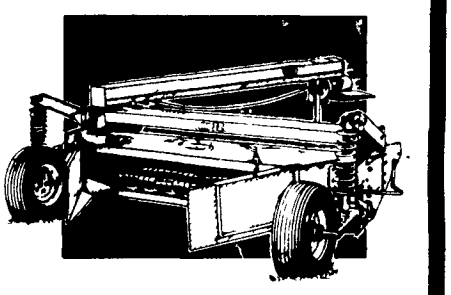


1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, Ag Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP Ag Tires	$8,650

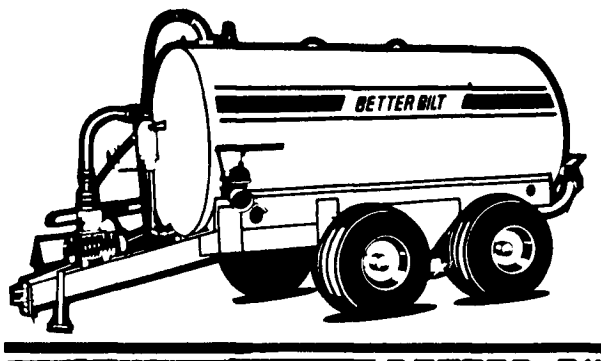


END OF THE SEASON SPECIAL ON MF 224 & MF 228 BALERS

CLOSE-OUT SPECIALS ON DISC MOWER CONDITIONERS, ONLY 5 LEFT NOW!



THE NAME SAYS IT ... ... it's BETTER BUILT!



It's easy to see what it takes to carry the "BETTER-BILT" logo. Stronger materials... better craftsmanship... greater precision... more efficient design... All-American construction.

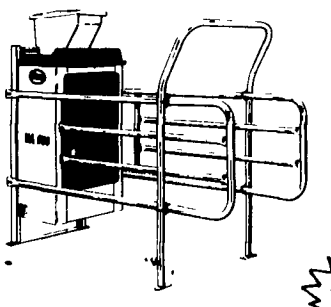
For design to finish paint, the BETTER-BILT tank has more to offer... yet it costs no more than an ordinary tank

When you shop for a tank, **compare.** Look at the differences. Pick the one that's **better built!**

For efficient effective economical removal and application of liquid manure the Better Bilt vacuum tank with capacities to 4500 gal

BETTER-BILT

Corn Crib 16' Diameter, Galvanized Roof, **$400 You Tear Down!**



VA 500 COMPUTER DAIRY FEEDER!

Cows ration is fed automatically according to her individual lactation curve

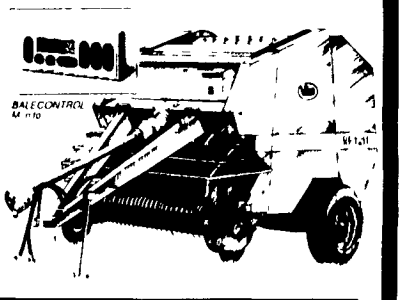
25 Cow System	$1500.00
50 Cow System	$2,900.00

+ Installation

50 Units In Stock

Vicon

Build more bales faster and easier in a day with new automated features on Vicon's RD 1211E round baler



Cash Rebates On ALL LEFTOVER VICON EQUIPMENT

USED COMBINES

1984 MF 860 w/9115 Floating Cutterbar and MF 1163 Corn Head	$29,000
1984 MF 860 w/MF 9120 Floating Grain Table	$24,500
1982 MF 860 w/9115 Floating Cutter Bar and MF 1163 Cornhead	$27,000
1981 MF 860 w/4WD	$22,000
1977 MF 760	$12,000
MF 540 Combine w/3 Row 30" Corn Head	
MF 540 4 Row 30" Corn Head and 13' Floating Grain Head w/Only 800 Hrs.	
MF 850 Combine w/6R Corn Head	
NI 2R 30" Pull Type Sheller	

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

USED TRACTORS

IH 806 w/Cab, 92 HP	$6,900
MF 285 82 HP, DS	$8,500
Oliver 1550 53 HP DS, Restored	$4,500
MF 1644 Skid Steer Loader, Demo Model	
MF 30 w/Ind Loader	$3,900
MF 40 w/Ind Loader	$3,900
MF 4840, 4 WD, 210 HP	$26,000
Farmall 460 Gas	$2,500
Wheel Horse Lawn Tractor	
Oliver 77	
Oliver 70	
Oliver 55 Dsl.	

HAY EQUIPMENT

J Bar 3 pt 4 Wheel Rake	$475
MF Forage Blower	$1,900
Vicon KM 281 Discbine	$5,500
NI 7' Mower	$800
NH 451 Sickle Mower	$1,500
Vicon CM216 Disc Mower, 1 Yr.	$2,900
NH 489 Haybine	$1,900
NH 411 Discbine	$3,900
NH 411 Discbine	$4,500

PLOWS & TILLAGE

MF 880 4x16 Plow	$1,500
MF 115 Coulter Chisel Plow	$5,200
Yetter 15' Rotary Hoe (Demo)	$2,400

MISC. EQUIPMENT

Danuser 3 pt Post Driver	$1,200
Shaver 3 pt Hyd Post Driver	$1,700
E Z Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$10,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500
Schwartz Feeder Wagon	$750
Oswald-Butler 2840 TMR Mixer Wagon	$1,500
NI 384 Manure Spreader	$2,200
NI 321 Spreader	$600
Gehl 533 3300 Gal. Slurry Spreader Like New	$6,900
5KW Engine Generator Set	$500
Betterbilt 2100 Gal. Vac. Tank Spreader	$4,500
SFM 1100 Gal. Slinger Manure Spreader	$4,900
SFM 1700 Gal. Slinger Manure Spreader	$6,900

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MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC.

USED EQUIPMENT

TRACTORS

Farmall Cub w/Cultivators (L)
White 2-63 Tractor/Loader/Backhoe

LAWN & GARDEN

Ford YT 12.5
Ford LT11 Lawn Tractor
Simplicity 4211 Lawn Tractor w/Mower
Cub Cadet 128 w/38" Mower
Cub Cadet 147 (L)
York Stone Rake, 4 Ft.

BALERS & HAY TOOLS

NH 275 Baler w/Thrower
NH 1495 Self-Propelled Haybine w/Perkins Engine (L)
NH 499 Haybine (L)
NH 411 Discbine (L)
JD 10 Side Mtd. Mower

SPREADERS

NH 519 Spreader
NI 214 w/Endgate
NI 354 w/Pan

GRINDER MIXERS

NH 357

FORD NEW HOLLAND

NORMAN D. CLARK & SON
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2nd Location — Loysville, PA — 717-789-3117
(L) Indicates equipment at Loysville location.

Best Buys in Used Equipment

TRACTORS

- Case SC Tractor
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1070 w/Loader
- Case 1370 w/Cab
- IH 2500A Tractor w/Loader
- David Brown 990 w/Loader
- David Brown 990
- Int. 544, For Parts
- Int. 1066
- Int. 686
- Int. 1086
- Int. 3088
- Int. 3688
- Farmall 300
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66
- Case-IH 885
- Case IH 885 w/Cab

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 1014, Plus 2 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 38 Chopper
- NH 1495 Self-Propelled Haybine
- NH 489 Haybine, $700
- NH 144 Hay Turner, Like New — Only 30 Acres!

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- Hesston 7020 Harvester
- NI 843 Cornhead
- NI 717 Combine
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 774N 4-Row Head
- NI 705 Uni-System
- (2) NI 709 Uni-System —Priced Reduced!
- NI 315 Sheller
- NI 324 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box, Only $1,200!
- JD 3800 Harvester

MISCELLANEOUS

- NH 36 ft. Elevator
- Gehl 1540 Blower
- (2) Gehl 99 Blowers
- IH 56 Blower
- Int. 600 Blower
- NI Blower
- Automatic Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- HM 1666 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Tye No-Til Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill—Soybean Special!

TILLAGE

- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- (2) Int. 475, 17½ Ft. Disk
- IH Disk Harrow
- Case 16" Reset Plow, 6 Bottom
- Case IH 720 4-Bottom Plow
- IH 710 4-Bottom Plow
- JD 210 Disk
- Oliver 16" Rollover Plow
- Used Cultipacker
- Bush Hog 15 Ft. Disk

LOADERS

- Case 450 Dozer
- Case 530 Backhoe
- Case 1835B Gas Uni-Loader
- Case 1737
- Case 1830
- Case 1835B Diesel
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- NH 445 Skid Loader
- NH 555 Skid Loader
- Bobcat 543

Excellent Used Equipment — Selling On Consignment — Call For Prices!

NI 802 Unisystem Tractor w/717 Uni Combine & 844 Wide Cornhead
NI 900 4-Row Corn Planter
Hesston 4600T Baler w/4600BT Thrower
NI 406 Hyd. Drive Hay Rake
Farmhand 817 Feed Grinder
NI 106 Spin Spreader
Case 1816C Skid Loader w/Bucket And Fork

ZIMMERMAN'S FARM SERVICE
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Nothing runs like a Deere™

TRACTORS

MF 135, Nice	$ 4,350
Farmall H Tractor	$ 1,200
JD 4430, Cab, PS, 20.8-38 Radials	$17,900
MF 1085 w/Cab, 2500 Orig. Hrs., Very Nice	Coming In
JD 2640 1982 Model, New Engine, Hi-Lo, New Tires, Excellent	$13,900
JD 8960 4WD, 1990 Model, 511 Hrs., 20 8x42 Duals, Radials 3 Pt. Hitch, 24 Spd Trans., w/New Warranty, Like New — List $142,000	$96,900
White 2-75 4WD, w/RG Canopy, 1985 Model	Coming In
MF 165 Diesel SOLD	Coming In
Farmall 656 Diesel, Fast Hitch	Coming In
Kubota B2150 4WD, Hydro, w/Kubota Loader, 5 Hrs., New	$12,900
JD 4520 Cab, PS, Excellent	$11,900
JD 8630 4WD, New Engine, 3 Pt., PTO, Duals, 20.8x42 New Tires, Exc. — $33,900	$31,900
Farmall 400 w/WF, PS & Loader	$ 2,850
Farmall 400 w/Power Steering, Fast Hitch	$ 2,850
IHC 240 Tractor	$ 3,000
IHC 686 WF w/Duals, Nice	$10,500

FORAGE EQUIPMENT

NI 709 Uni-System w/767 Chopper & 768 Grass Head	Coming In
NI Blower, Like New	$ 1,250
JD 7' Grass Head w/Pickup Wheels	$ 2,250
JD 216 Forage Wagon w/Tandem Chassis	$ 2,450
Hesston 7650 Self Propelled Harvester w/3RN, 1300 Hrs.	$28,500
Gehl 1580 Blower	$ 1,850
Complete JD Cutterhead for Self Propelled Harv.	$ 2,500
Complete JD Cutterhead for Self Propelled Harv	$ 1,000
JD 3960 Harvester w/Controls	$ 6,800
IHC 555 Forage Harvester w/2Rw & Grasshead — ~~$ 1,700~~	$ 1,000
Gehl 2 Row Narrow Snapper Head	$ 1,250

MANURE SPREADERS

NI Manure Spreader, Tag #410	$ 600
JD 40 Spreader	$ 450
Oliver Spreader	$ 450

GRAIN DRILLS

JD 8300 18x7 Drill w/Grass Seed	$ 3,750
JD 1550 Notill Drill w/Grass Seed	$ 3,250
Haybuster Notill Drill	$ 3,750

MISCELLANEOUS

Weaverline 430 Hydrostatic Feed Cart	Coming In
Innovative TMR w/Scales	Coming In
Butter TMR w/Scales 280	$ 2,500
46A Loader Off 3020	$ 800
48 Loader Off JD 4020	$ 2,000
JD 260 Loader Ind. Valve 2840-3155	$ 4,850
JD 1550 No Till Drill	$ 3,250
New Kwikway Blade	$ 400
Woods Belly Mower	$ 600
Spreader Box	$ 550
3 Pt. Blade Green	$ 300
NI Picker Sheller	$ 1,500

PLANTERS

White 5400 4 Row w/Monitor Notill & Insect.	$ 2,750
JD 7000 Conservation 6 Row w/Augerfill	$ 6,000
JD 1240 4 Row Insect. Shoe No Markers, Tag #912	$ 1,200
IHC 56 4 Row, Tag #491	$ 850

TILLAGE

JD 5 Btm. Trip Plow	$ 1,885
Pittsburgh 6 Bottom Spring Reset Plow, Brand New, List $14,700	$ 7,950
JD 11 Tooth 710 Mulch Tiller	$ 5,250
White 283 10' Offset Disk	$ 4,350
JD 2500 Spring Reset, 5 Btm. Plow	$ 4,250
JD 1640 Plowing Disc	$ 3,950
MF 880 5 Bt. Plow, Nice	$ 3,150
JD 1010 Field Cult., Like New	$ 1,850
JD KBA Disk 12', Good	$ 950
Pittsburgh 12' Disk	$ 900

COMBINES & HEADS

JD 4400 Combine, Gas	$ 4,995
JD 6600 Combine (Parts)	$ 2,300
MF 510 w/Cornhead & 13' Grain Platform	Call
JD 213 Flexhead Yellow Reel	$ 2,200
NI 844W Cornhead	$ 1,600
JD 444 Cornhead, Needs New Points	$ 2,250

HAY EQUIPMENT

NH 256 Rake	$ 1,950
Gehl 2350 Discbine, 2 Yrs. Old, Like New	$ 8,450
IHC 5 Bar Rake	$ 650
NH 848 Round Baler, Loaded	$ 8,750
NH 1112 Self Propelled Windrower — ~~$12,000~~	$ 9,750
NI 555 Baler w/Thrower	$ 3,000
Hesston 6555 Self Propelled Windrow 12', 940 Hrs. — ~~$17,500~~	$16,500
NH 276 Baler w/Thrower	$ 2,750

NEW JD 913 Rigid Platform w/Duro Flo Pickup Special ***$6,995*** (Invoice Price)

NEW JD 913 Rigid Platform w/Bat Reel Pickup Special ***$5,795*** (Invoice Price)

*** MOTOR HOME ***

1984 Holiday Rambler Ambassador 26', 17,000 Miles., Dual Air Cond., 454 Engine, Large Refrigerator, Oak Cabinets, Power Seats, Floor Heat, Canopy, Hitch On Rear, Loaded, 1 Owner, Bought New, One Of A Kind.

~~$28,500~~ ***$24,500***
End Of Season Sale

WINELAND EQUIP. INC.
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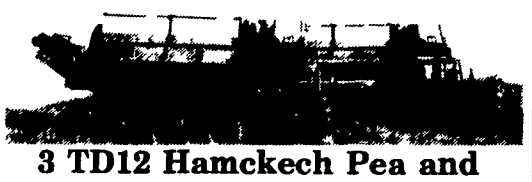

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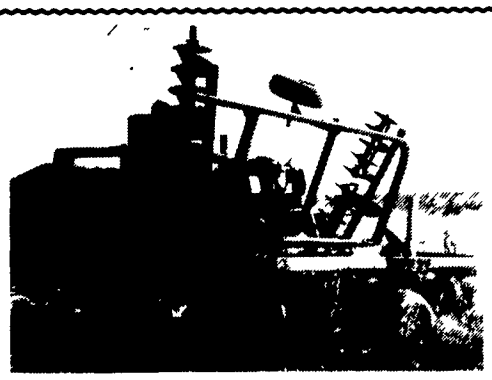

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1985 Ford F-150 4x4, 351 V8 Engine, Manual 4 Speed Overdrive, AM/FM Stereo Cassette, Bed Liner, 62,000 Miles, Metalic Blue, New Paint, Good Condition

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Drill	Pickers	Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys — **NI 802 w/Harvester** — **JD 6600 & 6620 Side Hills**

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New Arrivals:
JD 4400 dsl., rotary screen, real nice w/heads
8600 White dsl. hyd. w/15' flex & 6R 30" corn

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JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 6600, diesel, hydro w/heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 55 sq. back w/grain head & 30" 3R corn
(2) AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel hydro, real nice
AC F diesel, new motor w/heads
AC F diesel, choice of heads
AC M gear diesel w/heads
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 510 diesel w/grain saver 4R 30" corn & grain, $3,875
MF 510 diesel, hydro w/heads
MF 510 diesel w/heads, real low hours, excellent
MF 410 dsl., hydro w/heads
MF 35 SP w/8' grain & 2R corn
MF 35 S/P w/8' grain head
(2) IH 80 pull type, PTO, bin
IH 93 w/10' head, nice
IH 203, 10' grain & 2R corn
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1460 axle flow w/6R 30" corn & 820 flex
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/late heads
NH TR70 Ford diesel, choice of heads
Late model NH TR85 hydro cat diesel under 1000 hrs., 28x26 rubber
1- w/16'flex grain head
6R 30" CH or 4R 38" CH
NH TR70 cat diesel, gear w/ heads

TRACTORS

DC Case w/Case loader
Case 700 D 3 pt.
Case SC w/loader, nice
(2) 1953 Ford NAA
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 450 G P/S, fast hitch, nice
JD 4020 diesel, power shift, $5850
(2) JD A late models
AC WD, gas
AC C w/side mtd. mower
AC HD5 diesel crawler loader
AC C w/cultivator
Farmall 560, diesel, good shape
Farmall Super MTA
1939 Farmall H, $1175
Farmall Super C
Farmall Super MTA
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver crawler w/roll guard
IH 504, power steering, 3PT
C Allis w/belly mower
Ferguson 30, 3PT, $1,950

CORN PLANTERS & DRILLS

JD 8300
JD FBB
IH 10
IH 510
IH 21 D-disc w/brass wheels

LOADERS

AC fits D19
AC fits D17
Ford ind. off Ford 3400, $975
(3) Fords w/hyd. bucket
Snow blades for loader or front mounted
IH fits Super M
IH 2000 series hydraulic bucket, dirt & fork off of IH 806, $1500
JD 46 loader
JD 146 off JD 3020, $1600
NI w/wide bucket

SPREADERS

NI 3600 series, auger side throw, 1600 gal., tandem axle, real nice, $4500
NH 363 rt. hand tank, excellent shape

GRINDER/MIXER

Gehl 95, real nice
NH 352 grinder mixer, nice
IH 1150 grinder mixer, $2275

GOOD RUNNING MOTORS

Tractors: JD: 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 1010. IH: 1066, 986, 856, 806, 756, 706, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M. AC: D17, D19, WD, WC, XT 190, 210, 220, CA, C. Case. 530, 300 Ford 8N, NAA, 800, 671, 3000, 4000, 5000
Combines. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300. IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203. AC: L, M2, F, C2, G, E. MF: 760, 750, 510, 410, 300.

(2) IH 6 cyl. gas w/clutch
Chrysler Ind. 8 cyl. w/clutch
6 cyl. Hercules w/clutch

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
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Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

AC hydrostatic lister diesel skid loader for parts

HAYBINES & RAKES

JD 640 w/dolly wheels
JD 1209 9'
NH 1495, gas, cab, 12' self-propelled
NH 474 7'
IH 225 gas, SP w/cab
(2) IH 990 9'
Hesston 1010 10' hydro swing
Bale wagons w/steel racks, $1250 each
NH 495 12' 1600 & 3200

BALERS

NH 852 round baler auto wrap
NH 273 w/thrower
NH Super 66 w/chute, $500
JD 410 round baler 4' bales, nice
IH 2400 round bale, nice, $3500
IH 45, nice, $200
Hesston 5600 round baler, $3000

PLOWS

50 resets & trips 2-6 bottoms

MISC.

MF S disk drill
Kilbros 350 gravity box
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
(2) JD 350 3PT mower
New Case backhoe loader bucket
IH & JD mowers
Heavy duty gravity wagon
20' grain or feed elevator, $250
PTO 40' auger elevator, $700

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
3 pt. 6, 7 & 8'
Also pull types.
Rotary mower
Ford 7' 3PT
IH 14' flail stalk cutter
IH 3PT belt drive
NEW 11' rotary mowers HD up to 125 HP

CORN PICKERS

NI 325 2R 30"
Late NI 323
(3) NI 323 1R
(2) NI 10 1R
(4) NI 324 2R, 38"
(2) NI 325 2R, 30"
NI 325 2R 30" w/12 roll bed
NI 319 2R mt.
Farmall 460 gas w/IH mt.
JD 300 w/choice of 2R 30" or 2R 38" or 3R 30" heads

HARVESTERS & UNLOADING WAGONS

Hesston self-propelled chopper attach. for AC Snapper head
Gehl 6' flail chopper
NH 890 w/2R 30" & pickup
NH 770 w/2R head
JD 38 w/pickup & 2 row
JD 35 w/2R hdrd & pickup
JD 216 tandem wheel unloading wagon
(3) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
JD direct cut for 36 - 3600 - 35
JD 2R for 36 - 3600 - 35
IH direct cut for 50 - 555 - 550 - 650
NI 768 WN 3R 30"-38" head
Coby 3 beater unloading wagon w/roof
Badger tandem, 3 beater w/roof
Badger 3 beater, roof unloading wagon
AC unloading wagon, no roof

EXTRA CORN HEADS & GRAIN HEADS

WIDE FRONT ENDS & DUAL WHEELS

WF Ends. IH 460, 560, 706, 806, 856, 756, 1256. AC. D19. Ford: 5000, 6000 MM: G1000. Oliver: 66, 77, 88, 1800.

CULTIVATORS

30 DISC HARROWS

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD: M, 4020 dsl., 4010, 3020 dsl., 3010, 2020 dsl., 2010, 720, 430, 420, 70, 60, 50, A, B. AC: 5050, 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 310, 300, DC, SC, VC, VAC. Ford: 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 800, 641, 600, 8N, 9N. Ford major, 5000. Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. New Field & 345 Leyland, gas track crane w/boom for parts.

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1986 Komatsu D-85E-18 Dozer.....POR
1981 JD 555 w/Backhoe ROPS Regular Bucket.....$18,000
1976 JD 350C Dozer.....$15,000
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1980 JD450-C Dozer, new bottom.....$22,000
1984 JD450-D Dozer.....$25,000
1985 JD450-E Dozer.....$29,000
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1988 JD 650G, 1000 hours.....$46,000
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1973 JD 644A w/Cab, 2.5 Yd. Bucket.....$22,500

WHEEL LOADER BACKHOES

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1979 Case 580-C with Cab.....$10,000
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SKID STEER LOADER

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JD 220 Flex Cutter Bar
JD 222 Flex Cutter Bar
JD 444 Corn Head, Hi-Tin
JD 643 Corn Head

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Brillion 25' Folding Packer
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JD 1450 6-16 Semi Plow
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1983 JD 4250, MFWD, Cab & Air
1980 JD 1050
1972 JD 4320
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Very Nice Machine
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IH 125C.....$12,900
IH 125E.....$13,500
Case 450B.....$16,500
Cat 955L.....$16,500
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JD 550.....$14,500
Case 450B-6 Way.....$16,500
Case 850C-6 Way.....$22,500
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Ford A66.....Call
Cat 950.....Call
JD 644B.....Call

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Cat 955L Crawler Loader, General Purpose Bucket With Teeth, Runs Good, Good Undercarriage, Was $22,500, Now $16,500.

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(5) 3 Pt. Hoe Attachments .....$2500 & Up
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Wainroy.....$5900
AC 715B.....$8500
Ford 555.....$9500
Ford 555.....$13,500
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Case 580 Super E.....$15,500
Case 580 Super E.....$18,500
Dynahoe 200 4x4.....$18,500
Case 580D 4x4-EXT.....$19,750

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IH 2400.....$4900
Ford 335.....$8500
IH 260A.....$8500

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(100+) Used Hoe Buckets..Come Look
(75) Loader Buckets..Come Look
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Ripper.....$1500
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General 1 Ton Roller.....$2300
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Snowblower For Big Loader.....$3900
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Bucyres Erie 45C Truck Crane.....Call
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Clark 533-Diesel....$4500
NH 778 Diesel.....$4900
NH 555 Diesel.....$5900
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NH 785 Diesel.....$9000
JD 575 Diesel.....$11,500
NH 781 Diesel....$12,800

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Case 586D-21'.....Call
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EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

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SKID STEER LOADER Case 1835B, 1,300 hrs., $6,500. 301-833-9091

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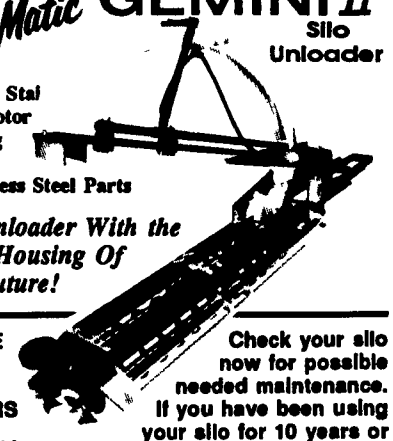

NOTICE ALL SILO OWNERS
Please call for an inspection and estimate.
Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE.

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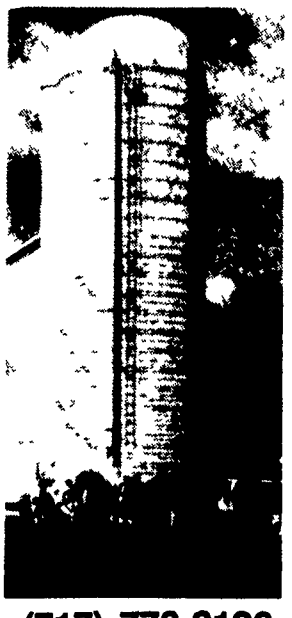
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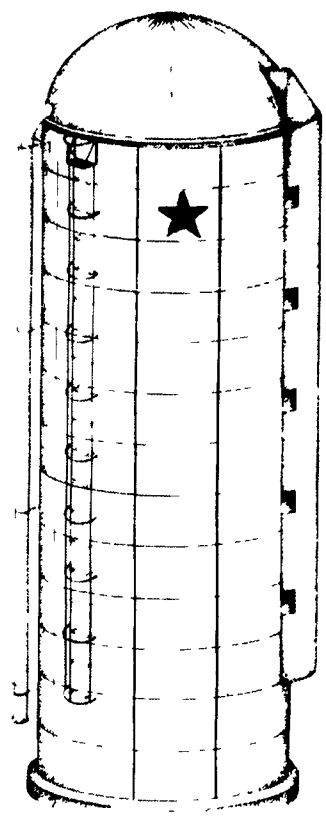

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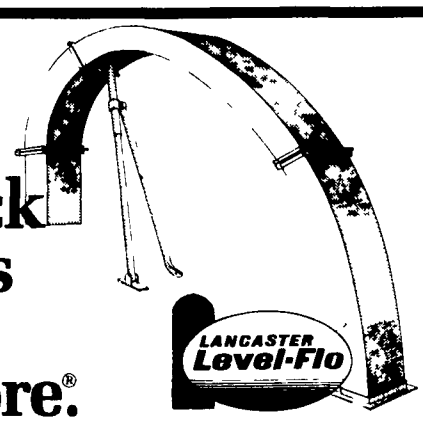
Our 12 inch gooseneck improves your Harvestore®.



Lancaster Level-Flo's replacement gooseneck lets you fill your silo faster and easier. It has a 33% larger capacity than original Harvestore® goosenecks and its high-profile shape improves flow. You can actually blow in 3 tons of haylage a minute without plugging the Level-Flo 12" gooseneck. Yet it attaches easily to standard 9' fill-pipe.

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- Designed with final section straight and vertical to put silage in the center of your silo.
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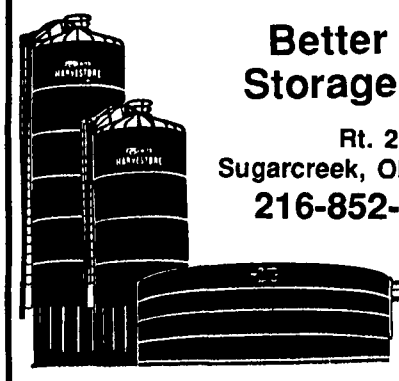

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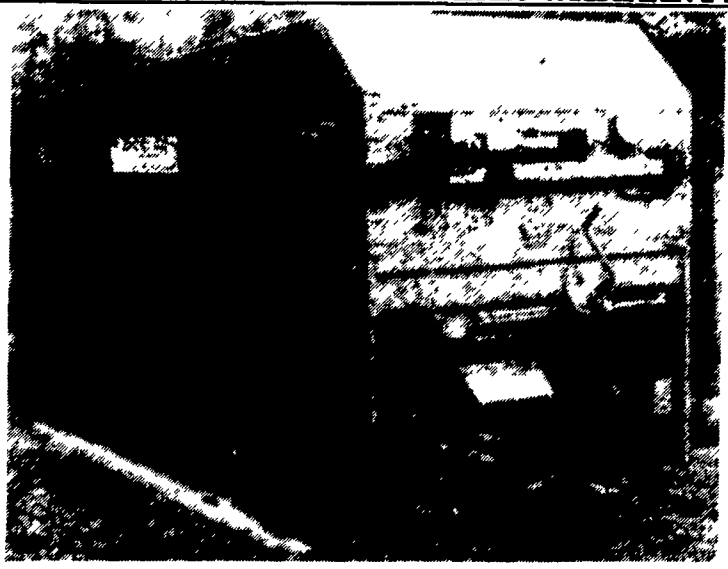

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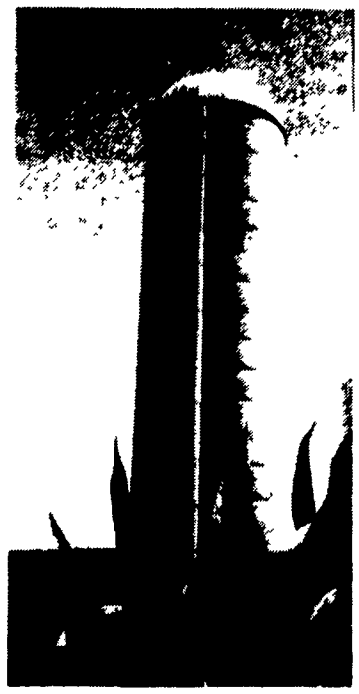

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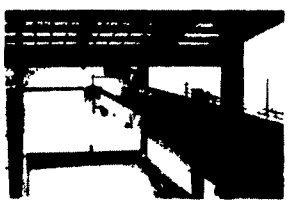

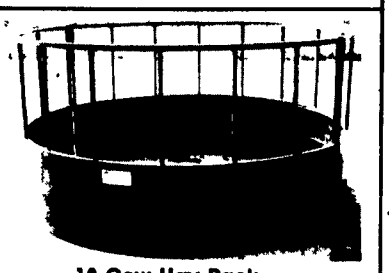

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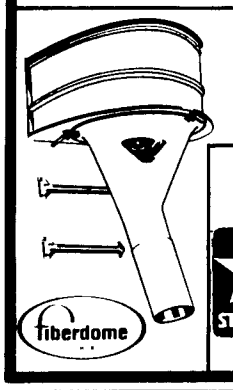

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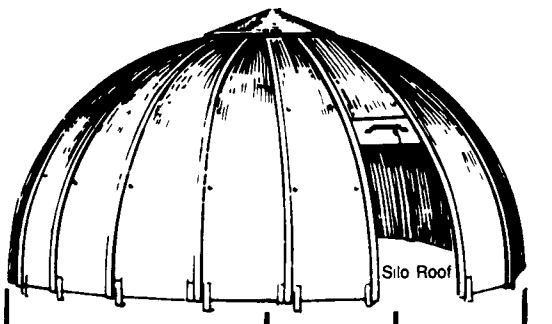

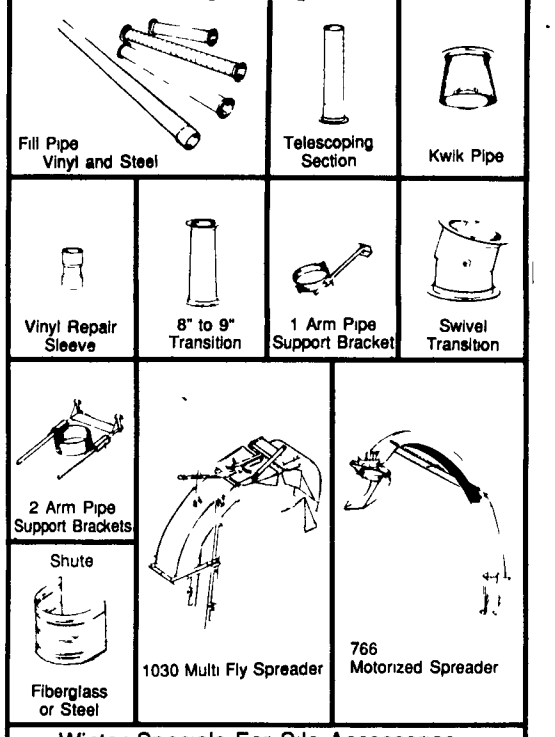

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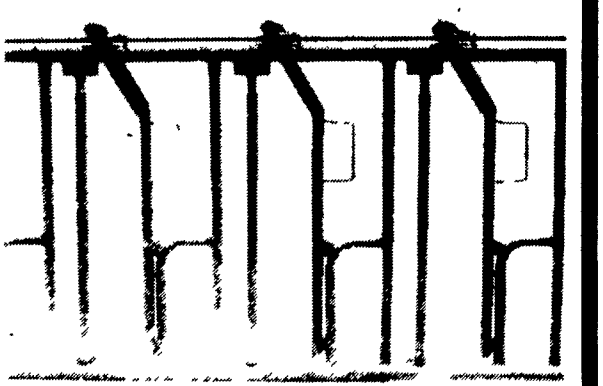

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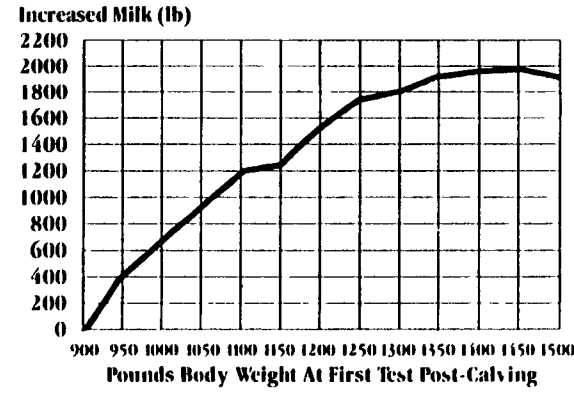
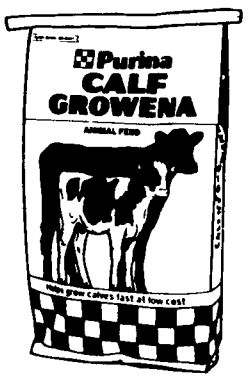
That's all the more reason to feed those replacement calves the dependable Purina Startena Growena.

Weight After Calving vs. Milk Production
(First Lactation Holsteins)



Results from data on 618,366 first calf heifers

Calf Startena®
Calf Growena®



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